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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates
All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals
The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates
Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code
Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1792***
For each additional sheet over 30	**$20**
3. International Search Fee	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. Taxe de recherche internationale	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*))	**$269**
6. Preliminary examination fee (Rule 58)	**$800**

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*))	**269 $**
6. Taxe d'examen préliminaire (Règle 58)	**800 $**

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent* and *Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce*.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

May 24, 2016

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

15. Procédures de correspondance

le 24 mai, 2016

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance .

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
C.D. Howe Building
235 Queen Street, Room S-143
Ottawa ON K1A 0H5
Tel.: 613-952-2268

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Industry Canada
Sun Life Building
1155 Metcalfe Street, Room 950
Montreal QC H3B 2V6
Tel.: 514-496-1797
Toll-free: 1 888 237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Industry Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Industry Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1 800 461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Industry Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
Édifice C.D. Howe
235, rue Queen, pièce S-143
Ottawa (Ontario) K1A 0H5
Tél. : 613-952-2268

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Industrie Canada
Édifice Sun Life
1155, rue Metcalfe, bureau 950
Montréal (Québec) H3B 2V6
Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Industrie Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Industrie Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Industrie Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date.

CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. *Registered Mail™* and *Xpresspost™* Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the *Registered Mail ™* and *Xpresspost™* services of Canada Post are designated establishment or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the *Registered Mail ™* and *Xpresspost™* services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Service *Courrier recommandé MC* et *Xpresspost MC* de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les services *Courrier recommandé MC* et *Xpresspost MC* de Postes Canada sont des établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services *Courrier recommandé MC* et *Xpresspost MC* de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le site web de l'OPIC ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à

national phase will not be accepted.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

Patents

For the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- filing a new or revised trade-mark application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application; and
- statement of Opposition; and
- extensions of time in trade-mark opposition cases.

Brevets

Aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work;
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre;
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits integers

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande.

prescribed in the *Patent Rules* still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the *Patent Rules*, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to *PCT Rules* 89*bis* and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux *Règles* 89bis et 89ter *du PCT* et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des

fee, refer to Section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationaleale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;

- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of March 14, 2017 contains applications open to public inspection from February 26, 2017 to March 4, 2017.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 14 mars 2017 contient les demandes disponibles au public pour consultation pour la période du 26 février 2017 au 4 mars 2017.

Canadian Patents Issued

March 14, 2017

Brevets canadiens délivrés

14 mars 2017

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[13] A1
[51] **Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) A61P 37/02 (2006.01) C07K 16/00 (2006.01) C07K 16/22 (2006.01) C07K 16/28 (2006.01) C07K 16/42 (2006.01) C12N 15/63 (2006.01) C12P 21/08 (2006.01) G01N 33/577 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **POLYPEPTIDE VARIANTS WITH ALTERED EFFECTOR FUNCTION**
[54] **VARIANTS POLYPEPTIDIQUES AYANT UNE FONCTION EFFECTRICE ALTEREE**
[72] PRESTA, LEONARD G., US
[73] GENENTECH, INC., US
[85] 2001-06-28
[86] 2000-01-14 (PCT/US2000/000973)
[87] (WO2000/042072)
[30] US (60/116,023) 1999-01-15

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[25] EN
[54] **SYSTEM AND METHOD FOR TRACKING AND CONTROLLING INFECTIONS**
[54] **SYSTEME ET PROCEDE PERMETTANT DE REPERER DES INFECTIONS AINSI QUE DE LUTTER CONTRE CELLES-CI**
[72] KREISWIRTH, BARRY N., US
[72] NAIDICH, STEVEN M., US
[73] EGENOMICS, INC., US
[85] 2003-03-06
[86] 2001-09-06 (PCT/US2001/027568)
[87] (WO2002/020827)
[30] US (09/656,084) 2000-09-06

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[13] A1
[51] **Int.Cl. C12N 15/62 (2006.01) A61K 39/385 (2006.01) A61K 39/39 (2006.01) C07K 14/32 (2006.01) C07K 19/00 (2006.01) C12N 15/87 (2006.01) C12P 21/02 (2006.01) C12Q 1/02 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **METHODS OF DELIVERY OF EXOGENOUS PROTEINS TO THE CYTOSOL AND USES THEREOF**
[54] **METHODES DE DISTRIBUTION DE PROTEINES EXOGENES AU CYTOSOL ET LEURS UTILISATIONS**
[72] LU, YICHEN, US
[72] CAO, HUYEN, US
[73] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[73] GENERAL HOSPITAL CORPORATION, US
[85] 2003-09-24
[86] 2002-03-28 (PCT/US2002/009680)
[87] (WO2002/079417)
[30] US (60/279,366) 2001-03-28

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[13] A1
[51] **Int.Cl. G06Q 30/04 (2012.01) G06Q 20/14 (2012.01)**
[25] EN
[54] **INTEGRATED INVOICE SOLUTION**
[54] **SOLUTION DE FACTURATION INTEGREE**
[72] SCOLINI, ANTHONY J., US
[72] GINGRICH, JOHN C., US
[72] TIBBETTS, STEVEN P., US
[72] BARBER, ROBERT T., US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[85] 2004-05-28
[86] 2002-11-27 (PCT/US2002/038022)
[87] (WO2003/048899)
[30] US (60/334,065) 2001-11-30
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[51] **Int.Cl. G08G 1/00 (2006.01) G08G 1/01 (2006.01) G08G 1/065 (2006.01)**
[25] EN
[54] **TRAFFIC CONTROL SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE CONTROLE DE LA CIRCULATION ROUTIERE**
[72] ARQUETTE, ANN, CA
[72] OUELLETTE, KATHY, CA
[73] BORDER GATEWAYS INC., CA
[86] (2482504)
[87] (2482504)
[22] 2004-09-23
[30] CA (2,442,235) 2003-09-24

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[51] **Int.Cl. G06T 11/00 (2006.01) H04N 21/8547 (2011.01) H04N 19/61 (2014.01) G06F 3/14 (2006.01) G06T 9/00 (2006.01)**
[25] EN
[54] **INFORMATION STORAGE MEDIUM STORING GRAPHIC DATA AND APPARATUS AND METHOD OF PROCESSING THE GRAPHIC DATA**
[54] **SUPPORT DE STOCKAGE POUR DONNEES GRAPHIQUES, DISPOSITIF ET PROCEDE DE TRAITEMENT DES DONNEES GRAPHIQUES**
[72] JUNG, KIL-SOO, KR
[72] MOON, SEONG-JIN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2005-08-04
[86] 2004-07-15 (PCT/KR2004/001761)
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[30] KR (10-2003-0053073) 2003-07-31
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[13] A1
[51] **Int.Cl. G01N 27/447 (2006.01) C12M 1/34 (2006.01) C12Q 1/02 (2006.01) C12Q 1/04 (2006.01) G01N 1/28 (2006.01) G01N 1/38 (2006.01) G01N 1/40 (2006.01) G01N 21/77 (2006.01) G01N 27/416 (2006.01) G01N 27/453 (2006.01) G01N 27/60 (2006.01) G01N 27/74 (2006.01)**
[25] EN
[54] **SENSITIVE AND RAPID BIODETECTION**
[54] **BIODETECTION SENSIBLE ET RAPIDE**
[72] GOLDBERG, DAVID A., US
[72] HOWSON, DAVID C., US
[72] METZGER, STEVEN W., US
[72] BUTTRY, DANIEL A., US
[72] SAAVEDRA, STEVEN SCOTT, US
[73] ACCELERATE DIAGNOSTICS, INC., US
[85] 2006-01-12
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[30] US (60/486,605) 2003-07-12
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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 38/19 (2006.01) A61P 3/04 (2006.01) G01N 33/48 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **USE OF MIC-1 OR MODULATING AGENT THEREOF TO MODULATE APPETITE OR BODY WEIGHT**
[54] **UTILISATION DE MIC-1 OU D'UN AGENT DE MODULATION DE CELUI-CI POUR MODULER L'APPETIT OU LE POIDS CORPOREL**
[72] BREIT, SAMUEL NORBERT, AU
[72] BAUSKIN, ASNE RHODA, AU
[73] ST. VINCENTS HOSPITAL SYDNEY LIMITED, AU
[85] 2006-10-02
[86] 2005-04-13 (PCT/AU2005/000525)
[87] (WO2005/099746)
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[13] A1
[51] **Int.Cl. G05B 19/02 (2006.01) G05B 23/02 (2006.01) G06F 13/00 (2006.01)**
[25] EN
[54] **A METHOD FOR REDUNDANT CONTROLLER SYNCHRONIZATION FOR BUMP-LESS FAILOVER DURING NORMAL AND MISMATCH CONDITIONS**
[54] **UNE METHODE DE SYNCHRONISATION DE CONTROLEURS REDONDANTS POUR BASCULEMENT EN DOUCEUR DANS DES CONDITIONS NORMALES ET DESADAPTEES**
[72] KEPHART, RICHARD W., US
[72] COSTLOW, KIMBERLY, US
[72] DURBIN, MICHAEL, US
[72] CHENG, XU, US
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[54] **PROCEDE DE PROPAGATION DE QUASI-ONDES P PSEUDO-ACOUSTIQUES DANS UN MILIEU ANISOTROPE**
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[73] CHEVRON U.S.A. INC., US
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[72] GINGRICH, ROSS L., US
[72] ZIMMERMAN, BEN G., US
[72] MARTIN, ALAN R., US
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[72] LEUNG, ANDREW HO YIN, CA
[73] KIRKUP, MICHAEL GRANT, CA
[73] LEUNG, ANDREW HO YIN, CA
[73] BLACKBERRY LIMITED, CA
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[54] **ARTICLE ABSORBANT COMPRENANT UN NOYAU ABSORBANT AYANT UNE PLURALITE DE PREMIERES REGIONS ET UNE SECONDE REGION ENTOURANT CHACUNE DES PREMIERES REGIONS**
[72] RIBEIRO DE CARVALHO, ANTONIO CARLOS, BR
[72] TEIXEIRA FAJOLLI, MARCIA HELENA, BR
[72] CALDAS SALLES, MARIA MARCIA R., BR
[73] RIBEIRO DE CARVALHO, ANTONIO CARLOS, ZZ
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[54] **ARTICLE ABSORBANT COMPRENANT UN NOYAU ABSORBANT AYANT DES REGIONS ABSORBANTES AGENCEES DE MANIERE CONCENTRIQUE**
[72] HERNANDEZ, FRANCISCO J. V., BR
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[72] LEMARCHAND, CAROLINE, FR
[72] ROULET, VANESSA, FR
[72] SCHEUIR, CLAIRE, FR
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[72] NAVARRO Y GARCIA, FABRICE, FR
[72] TEXIER-NOGUES, ISABELLE, FR
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[72] HAUTIER, ROAN, CH
[73] NAGRAVISION S.A., CH
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[72] SCHWAB, EKKEHARD, DE
[72] WENTINK, ANNEBART ENGBERT, DE
[72] BOOS, HELMUT, DE
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[72] SUGGS, THOMAS, US
[72] SWAB, JOHN, US
[72] WEBER, DONALD E., US
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[72] HARRIGAN, EDWARD, US
[72] ZAZOVSKY, ALEXANDER F., US
[72] BRIQUET, STEPHANE, US
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[72] WANG, XINHUI, US
[72] FERRONE, SOLDANO, US
[73] UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
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[54] **PROCEDE ET DISPOSITIF D'ATTENUATION DES EFFETS D'UNE TURBULENCE SUR UN AERONEF**
[72] JENARO RABADAN, GUILLERMO, FR
[72] PUIG, STEPHANE, FR
[73] AIRBUS OPERATIONS (S.A.S), FR
[73] JENARO RABADAN, GUILLERMO, ZZ
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[54] **APPAREIL ET PROCEDES DESTINES A TESTER LA CAPACITE DE MATERIAUX A ETRE POLIS**
[72] NJEGOVAN, NIKOLA, US
[72] MEGREMIS, SPIRO, US
[72] SIROVSKAYA, OLGA, US
[72] SHEPELAK, HANK, US
[73] AMERICAN DENTAL ASSOCIATION, US
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[54] **DISPOSITIF IMPLANTABLE POUR L'ADMINISTRATION DE RISPERIDONE ET PROCEDES D'UTILISATION DE CELUI-CI**
[72] KUZMA, PETR, US
[72] QUANDT, HARRY, US
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[73] BRAEBURN PHARMACEUTICALS, INC., US
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[54] **DISPOSITIF PROTHETIQUE POUR ARTICULATION DE GENOU ET PROCEDES D'IMPLANTATION ET DE RETRAIT DE CELUI-CI**
[72] OTTO, JASON KARL, US
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[54] **AGENTS DE RETICULATION AU BORE POUR DES FLUIDES DE FRACTURATION AVEC UNE CHARGE DE POLYMERE SENSIBLEMENT INFERIEURE ET PROCEDES ET COMPOSITIONS ASSOCIES**
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[72] DE BENEDICTIS, FRANCES, US
[72] QU, QI, US
[72] PARDUE, JERRY EDWIN, US
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[72] SJOBERG, SVEN, FI
[72] SMATT, RAUNO, FI
[73] BOREALIS AG, AT
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[54] **TURBOMACHINE ET PROCEDE PERMETTANT DE REDUIRE LES VIBRATIONS DANS LES TURBOMACHINES**
[72] SMEULERS, JOHANNES PETRUS MARIA, NL
[73] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO, NL
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[72] OLSSON, JAN, SE
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[72] WUBBOLTS, FRANK EMILE, NL
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[72] DE VRIES, TJERK, NL
[72] SIEWERS, ERNST JAN, NL
[72] TRAMBITAS, DANIELA OANA, NL
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[73] WUBBOLTS, FRANK EMILE, ZZ
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[54] **METHODES ET SYSTEMES DE SURVEILLANCE ET DE MODELISATION DE LA FRACTURATION HYDRAULIQUE D'UN CHAMP DE RESERVOIRS**
[72] URBANCIC, THEODORE IVAN, CA
[72] BAIG, ADAM MIRZA, CA
[72] GUEST, ALICE, CA
[72] MASCHER-MACE, KAITLYN CHRISTINE, CA
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[72] TAODA, YOSHIYUKI, JP
[72] JOHNS, BRIAN ALVIN, US
[72] KAWASUJI, TAKASHI, JP
[72] NAGAMATSU, DAIKI, JP
[73] SHIONOGI & CO., LTD., JP
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[54] **DISTRIBUTEUR DE MEDICAMENT ET SON UTILISATION**
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[72] LEZZAIQ, SAMER, US
[72] REINHOLD, TOM, DE
[73] LEIFELD, SABINE, ZZ
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[72] LEVINE, DAVID B., US
[73] WIRELESS ENVIRONMENT, LLC, US
[73] RECKER, MICHAEL V., ZZ
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[54] **MARQUAGE DE MOLECULES CIBLES, IDENTIFICATION D'ORGANELLES ET AUTRES APPLICATIONS, NOUVELLES COMPOSITIONS, PROCEDES ET KITS**
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[72] LI, ZAIGUO, US
[72] SZCZEPANIK, MACIEJ, US
[72] PATTON, WAYNE F., US
[73] ENZO LIFE SCIENCES, INC., US
[73] PANDE, PRAVEEN, ZZ
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[54] **COMPOSITIONS ET METHODES D'INHIBITION DE LA VOIE JAK**
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[72] LI, HUI, US
[72] SINGH, RAJINDER, US
[72] TAYLOR, VANESSA, US
[72] CLOUGH, JEFFREY, US
[72] MCMURTRIE, DARREN, US
[73] RIGEL PHARMACEUTICALS, INC., US
[73] BHAMIDIPATI, SOMASEKHAR, ZZ
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[54] **METHOD AND APPARATUS FOR SIGNALING TO AN OPERATOR OF A FARM IMPLEMENT THAT THE FARM IMPLEMENT IS TRAVERSING A PREVIOUSLY SEEDED AREA**
[54] **PROCEDE ET APPAREIL POUR SIGNALER AU CONDUCTEUR D'UNE MACHINE AGRICOLE QUE CETTE DERNIERE TRAVERSE UNE AIRE DEJA ENSEMENCEE**
[72] KOWALCHUK, TREVOR, CA
[73] KOWALCHUK, TREVOR, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
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[54] **PROCEDE ET APPAREIL POUR SIGNALER AU CONDUCTEUR D'UNE MACHINE AGRICOLE QUE CETTE DERNIERE TRAVERSE UNE AIRE DEJA ENSEMENCEE**
[72] KOWALCHUK, TREVOR, CA
[73] KOWALCHUK, TREVOR, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
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[72] CHATTERJEE, ANANDA M., US
[72] LAFRANCE, TANIA M., US
[72] D'UVA, SALVATORE, CA
[73] INGENIA POLYMERS, INC., US
[73] CHATTERJEE, ANANDA M., ZZ
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[73] D'UVA, SALVATORE, ZZ
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[54] **PROCEDE FAISANT INTERVENIR DES HYDROCYCLONES**
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[72] VAN HOVE, PAUL JOSEPH, NL
[73] CARGILL, INCORPORATED, US
[73] VAN ESCH, FRANCISCUS ADRIANUS JOSEPHUS, ZZ
[73] VAN HOVE, PAUL JOSEPH, ZZ
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[54] **INHIBITEURS DE PYRIMIDINEDIAMINE KINASE**
[72] SINGH, RAJINDER, US
[72] ATUEGBU, ANDY, US
[72] RAMPHAL, JOHN, US
[72] LI, HUI, US
[72] GELMAN, MARINA, US
[72] CLOUGH, JEFFREY, US
[72] VALDEZ, CARLOS, US
[72] BHAMIDIPATI, SOMASEKHAR, US
[72] THOTA, SAMBAIAH, US
[72] MCMURTRIE, DARREN, US
[73] RIGEL PHARMACEUTICALS, INC., US
[73] SINGH, RAJINDER, ZZ
[73] ATUEGBU, ANDY, ZZ
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[54] **A METHOD OF INSTALLING A HYDROELECTRIC TURBINE GENERATOR**
[54] **PROCEDE D'INSTALLATION D'UN GENERATEUR A TURBINE HYDROELECTRIQUE**
[72] IVES, JAMES, IE
[72] TAAFFE, DAVID, IE
[72] DUNNE, PAUL, IE
[73] OPENHYDRO IP LIMITED, IE
[73] IVES, JAMES, ZZ
[73] TAAFFE, DAVID, ZZ
[73] DUNNE, PAUL, ZZ
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[54] **NOUVEAUX HERBICIDES**
[72] TAYLOR, JOHN BENJAMIN, GB
[72] WAILES, JEFFREY STEVEN, GB
[72] JEANMART, STEPHANE ANDRE MARIE, GB
[72] GOVENKAR, MANGALA, IN
[73] TAYLOR, JOHN BENJAMIN, ZZ
[73] WAILES, JEFFREY STEVEN, ZZ
[73] JEANMART, STEPHANE ANDRE MARIE, ZZ
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[54] **A PROCESS AND SYSTEM FOR ENHANCED SEPARATION OF HYDROCARBON EMULSIONS**
[54] **UN PROCEDE ET UN SYSTEME DE SEPARATION AMELIOREE DES EMULSIONS D'HYDROCARBURE**
[72] WICKES, RUSSELL H., CA
[72] WASYLYK, MIKE, CA
[72] GOULD, BAILEY R., CA
[73] CENOVUS ENERGY INC., CA
[73] WICKES, RUSSELL H., CA
[73] WASYLYK, MIKE, CA
[73] GOULD, BAILEY R., CA
[86] (2747886)
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[54] **ISOLATING APPARATUS FOR ELECTRIC POWER LINES AND METHODS FOR FORMING AND USING THE SAME**
[54] **APPAREIL ISOLANT POUR LIGNES ELECTRIQUES ET SES PROCEDES DE FORMATION ET D'UTILISATION**
[72] MITCHELL, STEVEN, US
[72] GREGORY, OWEN, US
[72] JOHNSON, BARRY, CA
[72] LADIN, DMITRY, CA
[73] TYCO ELECTRONICS CORPORATION, US
[73] MITCHELL, STEVEN, ZZ
[73] GREGORY, OWEN, ZZ
[73] JOHNSON, BARRY, CA
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[54] **APPAREIL DE SUPPORT POUR ASSUJETTIR UNE AILE DE CHASSE-NEIGE**
[72] HOLVERSON, ANDREW, US
[72] HROMADKA, JOHN, US
[73] MONROE TRUCK EQUIPMENT INC., US
[73] HOLVERSON, ANDREW, ZZ
[73] HROMADKA, JOHN, ZZ
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[54] **PROCESS FOR PREPARING CINACALCET HYDROCHLORIDE**
[54] **PROCEDE DE PREPARATION DE CHLORHYDRATE DE CINACALCET**
[72] CATOZZI, NICOLA, IT
[72] COTARCA, LIVIUS, IT
[72] FOLETTO, JOHNNY, IT
[72] FORCATO, MASSIMILIANO, IT
[72] GIOVANETTI, ROBERTO, IT
[72] SORIATO, GIORGIO, IT
[72] VERZINI, MASSIMO, IT
[73] CATOZZI, NICOLA, ZZ
[73] COTARCA, LIVIUS, ZZ
[73] FOLETTO, JOHNNY, ZZ
[73] FORCATO, MASSIMILIANO, ZZ
[73] GIOVANETTI, ROBERTO, ZZ
[73] SORIATO, GIORGIO, ZZ
[73] VERZINI, MASSIMO, ZZ
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[54] **PAYMENT SYSTEM**
[54] **SYSTEME DE PAIEMENT**
[72] WINFIELD-CHISLETT, PETER, GB
[72] LESUISSE, ITAMAR, GB
[72] STRINGFELLOW, WESTLEY, GB
[72] CASABONNE, VERONICA, GB
[72] TAMBLYN, RAYMOND, GB
[73] VISA EUROPE LIMITED, GB
[73] WINFIELD-CHISLETT, PETER, ZZ
[73] LESUISSE, ITAMAR, ZZ
[73] STRINGFELLOW, WESTLEY, ZZ
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[73] TAMBLYN, RAYMOND, ZZ
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[54] **METHOD OF TREATING NEUROPATHIC PAIN**
[54] **METHODE DE TRAITEMENT DE LA DOULEUR NEUROPATHIQUE**
[72] ZHANG, JIE, US
[72] LIPPERT, ROBERT, US
[73] NUVO RESEARCH INC., CA
[73] LIPPERT, ROBERT, ZZ
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[54] **GAINE POUR CABLE DE DONNEES**
[72] SKOCYPEC, BRIAN P., US
[73] SKOCYPEC, BRIAN P., ZZ
[73] GENERAL CABLE TECHNOLOGIES CORPORATION, US
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[54] **MOUSSE DE POLYMERE A FAIBLES TENEURS EN BROMURE**
[72] GORDON-DUFFY, JOHN, FR
[72] ARROWSMITH, DAVID R., DE
[72] LEE, SIMON, US
[72] SCHMIDT, RALPH, DE
[73] GORDON-DUFFY, JOHN, ZZ
[73] ARROWSMITH, DAVID R., ZZ
[73] LEE, SIMON, ZZ
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[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **SULPHUR-CONTAINING FERTILIZERS COMPRISING AT LEAST ONE ANIONIC SURFACTANT**
[54] **FERTILISANTS RENFERMANT DU SOUFRE COMPORTANT AU MOINS UN SURFACTANT ANIONIQUE**
[72] ANTENS, JANY BIRGITTA MARIA, NL
[72] ASHTEKAR, SUNIL, IN
[72] GARCIAMARTINEZ, RAFAEL ALBERTO, CA
[72] LAMBERT, REGINALD, CA
[72] O'BRIEN, JASON TREVOR, AU
[72] REYNHOUT, MARINUS JOHANNES, NL
[72] VERBIST, GUY LODE MAGDA MARIA, NL
[72] WOODRUFFE, JOHN, CA
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[73] ANTENS, JANY BIRGITTA MARIA, ZZ
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[54] **PROCEDE DE PURIFICATION DE GUAR**
[72] DAVIS, JAMES W., US
[72] KETELSON, HOWARD ALLEN, US
[72] MEADOWS, DAVID L., US
[72] BAKER, JOHN C., US
[73] ALCON RESEARCH, LTD., US
[73] DAVIS, JAMES W., ZZ
[73] KETELSON, HOWARD ALLEN, ZZ
[73] MEADOWS, DAVID L., ZZ
[73] BAKER, JOHN C., ZZ
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[54] **SEPARATOR FOR COMMUNICATION CABLE WITH GEOMETRIC FEATURES**
[54] **SEPARATEUR POUR CABLE DE COMMUNICATION A ELEMENTS GEOMETRIQUES**
[72] BROWN, SCOTT M., US
[72] CAMP, DAVID P., II, US
[72] KENNY, ROBERT D., US
[73] GENERAL CABLE TECHNOLOGIES CORPORATION, US
[73] BROWN, SCOTT M., ZZ
[73] CAMP, DAVID P., II, ZZ
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[54] **CRYPTOGRAPHY CIRCUIT PROTECTED AGAINST OBSERVATION ATTACKS, IN PARTICULAR OF A HIGH ORDER**
[54] **CIRCUIT DE CRYPTOGRAPHIE PROTEGE CONTRE LES ATTAQUES EN OBSERVATION, NOTAMMENT D'ORDRE ELEVE**
[72] DANGER, JEAN-LUC, FR
[72] GUILLEY, SYLVAIN, FR
[73] INSTITUT TELECOM-TELECOM PARIS TECH, FR
[73] DANGER, JEAN-LUC, ZZ
[73] GUILLEY, SYLVAIN, ZZ
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[25] EN
[54] **INTEGRATED APPARATUS FOR ETHANOL PRODUCTION AND EXTRACTION**
[54] **APPAREIL INTEGRE POUR PRODUCTION ET EXTRACTION D'ETHANOL**
[72] SOVEREIGN, SCOTT R., US
[72] VANKEMPEN, FRANK A., US
[73] ENE003, LLC, US
[73] SOVEREIGN, SCOTT R., ZZ
[73] VANKEMPEN, FRANK A., ZZ
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[54] **ELECTRONIC DEVICE WITH HAPTIC FEEDBACK BACKGROUND**
[54] **DISPOSITIF ELECTRONIQUE EQUIPE D'UN HISTORIQUE DE RETROACTION HAPTIQUE**
[72] FRID, MARCOS, US
[72] GHANTA, RAJIV KOTESH, US
[72] HEBENSTREIT, JOSEPH J., US
[72] KIM, JOHN T., US
[73] AMAZON TECHNOLOGIES, INC., US
[73] FRID, MARCOS, ZZ
[73] GHANTA, RAJIV KOTESH, ZZ
[73] HEBENSTREIT, JOSEPH J., ZZ
[73] KIM, JOHN T., ZZ
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[54] **A MULTIPLE ACCESS SYSTEM**
[54] **SYSTEME A ACCES MULTIPLE**
[72] STENFELT, JOHN, SE
[72] ROMMER, STEFAN, SE
[72] LOVSEN, LARS GUNNAR, SE
[73] STENFELT, JOHN, ZZ
[73] ROMMER, STEFAN, ZZ
[73] LOVSEN, LARS GUNNAR, ZZ
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[54] **WATER SOFTENER REGENERATION**
[54] **REGENERATION DE PRODUIT D'ADOUCISSEMENT D'EAU**
[72] BOODOO, FRANCIS, US
[73] BOODOO, FRANCIS, ZZ
[73] PUROLITE CORPORATION, US
[85] 2011-08-04
[86] 2010-01-26 (PCT/US2010/022030)
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[54] **METHOD FOR PRODUCING ETHANOL**
[54] **PROCEDE DE PRODUCTION D'ETHANOL**
[72] ICHIKAWA, MASARU, JP
[73] ICHIKAWA OFFICE INC., JP
[73] ICHIKAWA, MASARU, ZZ
[73] MITSUI ENGINEERING & SHIPBUILDING CO., LTD., JP
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[54] **TEMOIN D'EROSION POUR ROUE DE COMPRESSEUR**
[72] BILLOTEY, GEOFFROY, FR
[72] DESCUBES, OLIVIER, FR
[72] GOURDANT, SYLVAIN, FR
[72] TUOT, OLIVIER, FR
[73] TURBOMECA, FR
[73] BILLOTEY, GEOFFROY, ZZ
[73] DESCUBES, OLIVIER, ZZ
[73] GOURDANT, SYLVAIN, ZZ
[73] TUOT, OLIVIER, ZZ
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[86] 2010-02-09 (PCT/FR2010/050205)
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[54] **DISPOSITIF DE NETTOYAGE A BROSSES ROTATIVES**
[72] DE WIT, BASTIAAN J., NL
[72] VOORHORST, FOKKE R., NL
[72] VAN DER KOOI, JOHANNES T., NL
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
[73] DE WIT, BASTIAAN J., ZZ
[73] VOORHORST, FOKKE R., ZZ
[73] VAN DER KOOI, JOHANNES T., ZZ
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[54] **GREASE COMPOSITION CONTAINING NANOPARTICULATE POLYTETRAFLUOROETHYLENE**
[54] **COMPOSITION DE GRAISSE COMPRENANT DU POLYTETRAFLUOROETHYLENE NANOPARTICULAIRE**
[72] BOUFFET, ALAIN, FR
[72] BARDIN, FRANCK, FR
[73] BOUFFET, ALAIN, ZZ
[73] BARDIN, FRANCK, ZZ
[73] TOTAL MARKETING SERVICES, FR
[85] 2011-08-19
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[25] EN
[54] **COMPOSITIONS, SYNTHESIS, AND METHODS OF UTILIZING ARYLPIPERAZINE DERIVATIVES**
[54] **COMPOSITION, SYNTHESES ET PROCEDES D'UTILISATION DES DERIVES D'ARYLPIPERAZINE**
[72] BHAT, LAXMINARAYAN, US
[72] MOHAPATRA, PRABHU PRASAD, US
[72] ADIEY, KOUACOU, US
[73] REVIVA PHARMACEUTICALS, INC., US
[73] BHAT, LAXMINARAYAN, ZZ
[73] MOHAPATRA, PRABHU PRASAD, ZZ
[73] ADIEY, KOUACOU, ZZ
[85] 2011-08-24
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[54] **WEB TRANSLATION WITH DISPLAY REPLACEMENT**
[54] **TRADUCTION PAR INTERNET AVEC REMPLACEMENT D'AFFICHAGE**
[72] TANG, JIE, CN
[72] YAO, BAOGANG, US
[72] CHIN, JEFFREY, US
[72] HORNUNG, ZELIDRAG, US
[72] SHAH, AVNI, US
[72] ROSART, DANIEL, US
[73] GOOGLE INC., US
[73] TANG, JIE, ZZ
[73] YAO, BAOGANG, ZZ
[73] CHIN, JEFFREY, ZZ
[73] HORNUNG, ZELIDRAG, ZZ
[73] SHAH, AVNI, ZZ
[73] ROSART, DANIEL, ZZ
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[72] WHITE, LAWRENCE, US
[73] PARMAN, DAVID G., ZZ
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[73] PENTAIR THERMAL MANAGEMENT LLC, US
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[72] GEREZ, JEAN-MICHEL, FR
[73] TECHNIP FRANCE, FR
[73] ESPINASSE, PHILIPPE, ZZ
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[54] **SYSTEME DE SURVEILLANCE DU NIVEAU DE LIQUIDE A ULTRASONS**
[72] LAGERGREN, PETER J., US
[72] STAATS, CHRISTIAN N., US
[72] WEGRZYN, KENNETH M., US
[72] WOLTRING, KELVIN L., US
[72] CASE, WAYNE A., US
[73] SCHMITT MEASUREMENT SYSTEMS, INC., US
[73] LAGERGREN, PETER J., ZZ
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[54] **COMPOSITIONS DE FIBRES DE VERRE RESORBABLES ET BIOCOMPATIBLES ET LEURS UTILISATIONS**
[72] LEHTONEN, TIMO, FI
[72] TUOMINEN, JUKKA, FI
[72] OLLILA, FREDRIK, FI
[73] LEHTONEN, TIMO, ZZ
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[54] **DISPOSITIF DE NETTOYAGE MICROBIEN**
[72] KERR, MARSHALL, US
[72] VAILLANCOURT, MICHAEL J., US
[72] BREITER, CATHERINE C., US
[73] C. R. BARD, INC., US
[73] KERR, MARSHALL, ZZ
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[54] **ADHESIVELY BONDED FRAME SECTION FOR AGRICULTURAL SPRAYER BOOM**
[54] **SECTION DE CHASSIS A LIAISON ADHESIVE POUR FLECHE DE PULVERISATEUR A USAGE AGRICOLE**
[72] HONERMANN, JOHN PAUL, US
[72] REESE, SCOTT DAVID, US
[73] HONERMANN, JOHN PAUL, ZZ
[73] REESE, SCOTT DAVID, ZZ
[73] CNH INDUSTRIAL AMERICA LLC, US
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[54] **AGRICULTURAL SPRAYER BOOM HAVING ALIGNED MAST AND CENTER SECTION**
[54] **FLECHE DE PULVERISATEUR A USAGE AGRICOLE DONT LE MAT ET LA SECTION CENTRALE SONT ALIGNES**
[72] HONERMANN, JOHN PAUL, US
[72] KALLEVIG, DANE, US
[72] REESE, SCOTT DAVID, US
[73] HONERMANN, JOHN PAUL, ZZ
[73] KALLEVIG, DANE, ZZ
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[54] **SULFONIC AMIDE AND SULFOXIMINE-SUBSTITUTED DIARYL-DIHYDROPYRIMIDINONES AND USAGE THEREOF**
[54] **DIARYLDIHYDROPYRIMIDINONES A SUBSTITUTION SULFONAMIDE ET SULFOXIMINE ET LEUR UTILISATION**
[72] VON NUSSBAUM, FRANZ, DE
[72] KARTHAUS, DAGMAR, DE
[72] ANLAUF, SONJA, DE
[72] DELBECK, MARTINA, DE
[72] LI, VOLKHART MIN-JIAN, DE
[72] MEIBOM, DANIEL, DE
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[72] SCHNEIDER, DIRK, DE
[73] VON NUSSBAUM, FRANZ, ZZ
[73] KARTHAUS, DAGMAR, ZZ
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[73] PANDROL LIMITED, GB
[73] COX, STEPHEN JOHN, ZZ
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[54] **PROCEDE DE TRANSFERT DE POLYPEPTIDES DANS DES CELLULES**
[72] BARABAS, SASCHA, DE
[72] EDMAIER, KATRIN, DE
[72] DEML, LUDWIG, DE
[73] LOPHIUS BIOSCIENCES GMBH, DE
[73] BARABAS, SASCHA, ZZ
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[72] VENERONI, ALAIN, IT
[72] DIGA, MIHAI, DE
[72] DAETWYLER, DANIEL, CH
[72] UEHLINGER, DOMINIK, CH
[73] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
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[73] SEALY TECHNOLOGY LLC, US
[73] DEMOSS, LARRY K., ZZ
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[54] **PARTAGE D'UN CONTENU AUDIO/VISUEL AVEC UN UTILISATEUR SELECTIONNE**
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[73] SLING MEDIA, INC., US
[73] RAO, PADMANABHA, ZZ
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[54] **NOUVELLE FORME CRISTALLINE DE COMPOSE DE BENZOPYRANE TRICYCLIQUE ET METHODE DE PRODUCTION ASSOCIEE**
[72] TAKADA, YASUTAKA, JP
[72] KAMON, MIYAKO, JP
[72] KAWAHARA, SHIRO, JP
[72] UMEDA, YASUHIRO, JP
[73] NISSAN CHEMICAL INDUSTRIES, LTD., JP
[73] TAKADA, YASUTAKA, ZZ
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[54] **PROCEDE ET APPAREIL DE RENDU PHOTOGRAMMETRIQUE ASSISTE PAR NUAGE DE POINTS**
[72] FACCHIN, ALDO, IT
[72] NADALIN, MARIO, IT
[73] FACCHIN, ALDO, ZZ
[73] NADALIN, MARIO, ZZ
[73] LEICA GEOSYSTEMS AG, CH
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[54] **INTRAOCULAR LENS DELIVERY SYSTEM WITH A DISPOSABLE PLUNGER SEGMENT AND METHOD OF USE THEREFOR**
[54] **SYSTEME DE POSE DE LENTILLE INTRAOCULAIRE POURVU D'UN SEGMENT DE PISTON JETABLE ET METHODE D'UTILISATION AFFERENTE**
[72] MUCHHALA, SUSHANT, US
[72] DOWNER, DAVID A., US
[73] ALCON RESEARCH, LTD., US
[73] MUCHHALA, SUSHANT, ZZ
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[54] **REMORQUE DE TRANSPORT ET PROCEDE ASSOCIE**
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[73] CASSELS, JIMMY, US
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[54] **PROCEDES PERMETTANT DE PREVENIR LA LESION ISCHEMIQUE PAR LA STIMULATION D'UN NOCICEPTEUR PERIPHERIQUE**
[72] JONES, W. KEITH, US
[72] REN, XIAOPING, US
[72] WEINTRAUB, NEAL LEE, US
[73] UNIVERSITY OF CINCINNATI, US
[73] JONES, W. KEITH, ZZ
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[73] ZHAO, YONG, ZZ
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[54] **APPAREIL DE DISTRIBUTION DE MOUSSE A DEUX COMPOSANTS**
[72] DUNLAP, MATTHEW, US
[72] SUGGS, THOMAS, US
[72] SWAB, JOHN, US
[72] WEBER, DONALD E., US
[73] BASF SE, DE
[73] DUNLAP, MATTHEW, ZZ
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[73] WEBER, DONALD E., ZZ
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[54] **SYSTEME D'ANTENNE DISTRIBUE FLEXIBLE**
[72] LARSEN, TORMOD, US
[73] LARSEN, TORMOD, ZZ
[73] EXTENET SYSTEMS INC., US
[85] 2011-11-16
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[54] **PROTEIN PRODUCT AND PROCESS FOR MAKING INJECTABLE PROTEIN PRODUCT**
[54] **PRODUIT DE PROTEINE ET PROCEDE POUR FABRIQUER UN PRODUIT DE PROTEINE INJECTABLE**
[72] KELLEHER, STEPHEN D., US
[72] FIELDING, WILLIAM R., US
[72] SAUNDERS, WAYNE S., US
[72] WILLIAMSON, PETER G., US
[73] PROTEUS INDUSTRIES, INC., US
[73] KELLEHER, STEPHEN D., ZZ
[73] FIELDING, WILLIAM R., ZZ
[73] SAUNDERS, WAYNE S., ZZ
[73] WILLIAMSON, PETER G., ZZ
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[54] **CONCEPTION DE REACTEUR UV PRESENTANT UN COLLECTEUR A EGALISATION DE PRESSION POUR AUGMENTER L'EFFICACITE DU FLUX UV**
[72] BUTTERS, BRIAN E., CA
[72] POWELL, ANTHONY L., CA
[73] BUTTERS, BRIAN E., CA
[73] POWELL, ANTHONY L., CA
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[54] **FILTRAGE ONTOLOGIQUE A L'AIDE DE LIMITE SPATIALE D'OBJETS EN 3D**
[72] HILTON, DOUGLAS S., US
[72] BOSTER, ANTHONY D., US
[73] HILTON, DOUGLAS S., ZZ
[73] BOSTER, ANTHONY D., ZZ
[73] HEXAGON TECHNOLOGY CENTER GMBH, CH
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[54] **SYSTEME DE DETERMINATION DE POINT CRITIQUE SELON LA MASSE DU VEHICULE POUR CHOISIR ENTRE DEUX PROGRAMMES DE CHANGEMENT DE RAPPORTS DIFFERENTS**
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[72] MERRION, ROBERT, US
[73] ALLISON TRANSMISSION, INC., US
[73] KRESSE, JOHN, ZZ
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[73] ALICOT, JORGE F., ZZ
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[73] TYCO FIRE & SECURITY GMBH, CH
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[54] **PROCESS FOR PRODUCING CRYSTALS OF POLYMORPHIC 2-(3-CYANO-4-ISOBUTYLOXYPHENYL)-4-METHYL-5-THIAZOLECARBOXYLIC ACID BY POOR-SOLVENT ADDITION METHOD**
[54] **PROCEDE DE FABRICATION DE CRISTAUX D'ACIDE 2-(3-CYANO-4-ISOBUTYLOXYPHENYL)-4-METHYL-5-THIAZOLE-CABOXYLIQUE POLYMORPHIQUE PAR UNE METHODE D'ADDITION D'UN SOLVANT MEDIOCRE**
[72] UEMURA, AKIHITO, JP
[72] NOGATA, TOMOAKI, JP
[72] TAKEYASU, TAKUMI, JP
[73] TEIJIN PHARMA LIMITED, JP
[73] UEMURA, AKIHITO, ZZ
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[72] SPENCER, RICHARD, US
[73] CALIFORNIA MANUFACTURING & ENGINEERING COMPANY, LLC, US
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[54] **APPLICATION DE FIBRES DEGRADABLES DANS DES FLUIDES EN EMULSION INVERSE POUR LES BOUCHONS D'INJECTION**
[72] BUSTOS, OSCAR, US
[72] ALI, SYED, US
[72] NGUYEN, CHAU, US
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[73] BSH HOME APPLIANCES CORPORATION, US
[73] SIMMONS, BRUCE, ZZ
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[54] **FACTEURS DE COAGULATION A ACTION PROLONGEE ET PROCEDES POUR LES PRODUIRE**
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[72] HART, GILI, IL
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[72] MIRAKI, MANOUCHEHR, US
[73] EDWARDS LIFESCIENCES CORPORATION, US
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[54] **SYSTEME ET PROCEDE D'ADAPTATION DE SCHEMA DE MODULATION ET DE CODAGE ET DE COMMANDE DE PUISSANCE DANS UN RESEAU A RELAIS**
[72] HU, ROSE QINGYANG, US
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[72] CAI, ZHIJUN, US
[72] WOMACK, JAMES, US
[72] SONG, YI, US
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[72] ROMANO, CHARLES E., JR., US
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[73] NEWPAGE CORPORATION, US
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[73] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
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[72] YANG, JEONG HYU, KR
[72] KIM, JIN PIL, KR
[72] YUN, CHANG SIK, KR
[73] LG ELECTRONICS INC., KR
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[54] **COMPOSITIONS POUR DES APPLICATIONS DE GELS DETACHABLES POUR LES ONGLES ET LEURS PROCEDES D'UTILISATION**
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[73] NAIL ALLIANCE, LLC, US
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[54] **METHODE ET APPAREIL DE MISE EN PLACE DE COMMANDE DE DISPOSITIFS HYDRAULIQUES DE TRACTEUR A L'AIDE D'UNE CONNEXION ISOBUS**
[72] TUTTLE, THOMAS, US
[72] REMOUE, TYLER, CA
[73] TUTTLE, THOMAS, ZZ
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[73] CNH INDUSTRIAL CANADA, LTD., CA
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[54] **SYSTEME ET PROCEDE DE SUBSTITUTION D'ENSEMBLES DE PARAMETRES DANS DES APPLIQUETTES AUTONOMES**
[72] SLOTHOUBER, LOUIS P., US
[72] YE, AARON, US
[72] JOHNSTON, JEFFREY W., US
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[72] NAASANI, IMAD, GB
[72] HARRIS, JAMES, GB
[73] NANOCO TECHNOLOGIES LTD, GB
[73] PICKETT, NIGEL, ZZ
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[54] **COMPOSITES THERMOPLASTIQUES ET PROCEDES POUR LEUR REALISATION ET LEUR UTILISATION**
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[72] ROGERS, SCOTT A., US
[72] PONSOLLE, DOMINIQUE, US
[73] CYTEC TECHNOLOGY CORP., US
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[72] BREUTZMAN, MARK E., US
[72] RASZGA, CALIN, US
[73] DEERE & COMPANY, US
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[72] TOYOOKA, KAZUHIRO, JP
[72] SATO, SHIGEO, JP
[73] MEIDENSHA CORPORATION, JP
[73] TOYOOKA, KAZUHIRO, ZZ
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[72] FUSEGI, KEIKO, JP
[72] BOHNO, MASAHIRO, JP
[72] ASANUMA, HAJIME, JP
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[72] IMAI, YUDAI, JP
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[72] SATO, NAGAAKI, JP
[72] TOKITA, SHIGERU, JP
[72] SASAKO, SHIGETADA, JP
[72] OKADA, TAKUMI, JP
[72] HAYASHI, KEISHI, JP
[72] ITOH, SHIN, JP
[72] SAITO, NORIKO, JP
[72] JIBIKI, RUI, JP
[72] ISHIYAMA, SEISHI, JP
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[73] NISSAN CHEMICAL INDUSTRIES, LTD., JP
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[72] MORRISON, ANGUS JOHN, GB
[72] JAMIESON, CRAIG, GB
[72] PALIN, RONALD, GB
[72] MACLEAN, JOHN KINNAIRD FERGUSON, GB
[73] GROVE, SIMON JAMES ANTHONY, ZZ
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[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[72] ZINKWEG, DIRK B., US
[72] COGEN, JEFFREY M., US
[72] GLUCK, STEVE, US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **PROCEDE DE PRODUCTION DE POLYETHYLENE DE MASSE MOLECULAIRE TRES ELEVEE OU ULTRA-ELEVEE**
[72] DIAMOND, GARY M., US
[72] LECLERC, MARGARETE K., US
[72] ZHU, GUANG, US
[73] SYMYX SOLUTIONS, INC., US
[73] DIAMOND, GARY M., ZZ
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[72] PREVITY, RICHARD A., US
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[72] WOZNICK, FRANK B., US
[72] POTTER, CRAIG W., US
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[73] AVERY DENNISON CORPORATION, US
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[73] COOK MEDICAL TECHNOLOGIES LLC, US
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[54] **SYSTEMES ET PROCEDES AMELIORES POUR DEBRAYER ET EMBRAYER UN EMBRAYAGE A RESSORT ENVELOPPANT**
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[73] R. T. VANDERBILT COMPANY, INC., US
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[72] ANSERMET, CAROLINE, CH
[72] ECABERT, BASTIEN, CH
[72] BERCHIER, CEDRIC, CH
[73] B. BRAUN MELSUNGEN AG, DE
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[54] **TRIS MULTIFILS D'ELEMENTS DE DONNEES DANS DES TABLEAUX**
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[72] GRABAR, ANATOLY V., US
[72] ROTHSCHILLER, CHAD B., US
[73] SUTTER, CARL B., IV, ZZ
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[73] HANCHETT ENTRY SYSTEMS, INC., US
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[54] **SONDE ET PROCESSUS D'ASSEMBLAGE DE LADITE SONDE**
[72] METZGER, RONALD A., US
[73] YSI INCORPORATED, US
[73] METZGER, RONALD A., ZZ
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[54] **COMPOSITIONS ET PROCEDES POUR LA COMMANDE DIMENSIONNELLE AMELIOREE DANS LES APPLICATIONS DE METALLURGIE DE POUDRE A BASE DE FER**
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[73] HOEGANAES CORPORATION, US
[73] LINDSLEY, BRUCE, ZZ
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[54] **UN SUPPORT UTILISE POUR TENIR DES PLANCHES DANS LA CONSTRUCTION D'UN ANNEAU DE GLACE**
[72] RANDAZZO, MATTHEW, US
[72] BARBANENTE, MICHAEL, US
[73] RANDAZZO, MATTHEW, US
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[54] **EMULSIFICATION DEVICE FOR CONTINUOUSLY PRODUCING EMULSIONS AND/OR DISPERSIONS**
[54] **DISPOSITIF D'EMULSIFICATION POUR LA PRODUCTION EN CONTINU D'EMULSIONS ET/OU DE DISPERSIONS**
[72] DAHMS, GERD, DE
[72] JUNG, ANDREAS, DE
[72] DOERR, HENDRIK, DE
[73] OTC GMBH, DE
[73] DAHMS, GERD, ZZ
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[54] **CONFIGURATION DE BATON D'ENCRE SOLIDE**
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[72] MATTERN, FREDERICK T., US
[73] XEROX CORPORATION, US
[73] JONES, BRENT RODNEY, ZZ
[73] MATTERN, FREDERICK T., ZZ
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[54] **SYSTEME DE BARDAGE POUR STRATIFIES DE BATIMENT**
[72] TODD, GAVIN, US
[72] RAMUTA, JOE, US
[73] THE DILLER CORPORATION, US
[73] TODD, GAVIN, ZZ
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[54] **APPAREIL DE TERMINAISON DE CABLE A COURANT CONTINU HAUTE TENSION**
[72] MING, LI, SE
[72] SALTZER, MARKUS, CH
[72] GAEFVERT, UNO, SE
[72] FORSSEN, CECILIA, SE
[72] UNGE, MIKAEL, SE
[73] MING, LI, ZZ
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[54] **SYSTEME DE TRANSMISSION A PORTEUSES MULTIPLES AVEC MODE SOMMEIL A FAIBLE CONSOMMATION ET FONCTION MISE EN MARCHE RAPIDE**
[72] GRESZCZUK, JOHN A., US
[72] GROSS, RICHARD W., US
[72] PADIR, HALIL, US
[72] TZANNES, MICHAEL A., US
[73] TQ DELTA, LLC, US
[73] GRESZCZUK, JOHN A., ZZ
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[54] **ENSEMBLE A BASE DE FIBRE OU DE PLASTIQUE, APPAREIL, PROCEDE, PROGRAMME ET SYSTEME POUR LA COMMUNICATION DES DONNEES SANS FIL PAR UN ENSEMBLE A BASE DE FIBRE OU DE PLASTIQUE**
[72] MAIJALA, JUHA, FI
[72] MAEKELAE, RAIMO, FI
[72] ILKKA, PETRI, FI
[73] STORA ENSO OYJ, FI
[73] MAIJALA, JUHA, ZZ
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[72] ARRABAL, DAVID GONZALEZ, ES
[72] FORESTIER, NIKLAS, SE
[73] ENVAC AB, SE
[73] ARRABAL, DAVID GONZALEZ, ZZ
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[54] **SEPARATEUR MEMBRANAIRE D'HYDROGENE**
[72] CURELLO, ANDREW J., US
[72] CURELLO, MICHAEL, US
[72] STEPAN, CONSTANCE R., US
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[54] **METHOD AND APPARATUS FOR ASSAY OF ELECTROCHEMICAL PROPERTIES**
[54] **PROCEDE ET APPAREIL D'ANALYSE DE PROPRIETES ELECTROCHIMIQUES**
[72] IYENGAR, SRIDHAR G., US
[72] HARDING, IAN, US
[73] AGAMATRIX, INC., US
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[54] **PROCESS FOR OBTAINING FUNCTIONALIZED NANOPARTICULATE MAGNETIC FERRITES FOR EASY DISPERSION AND MAGNETIC FERRITES OBTAINED THROUGH THE SAME**
[54] **PROCEDE POUR OBTENIR DES FERRITES MAGNETIQUES NANOPARTICULAIRES FONCTIONNALISEES SE DISPERSANT FACILEMENT, ET FERRITES MAGNETIQUES OBTENUES AU MOYEN DU PROCEDE**
[72] CONTADINI, JOSE FERNANDO, BR
[72] MOHALLEM, TARIK DELLA SANTINA, BR
[72] DE SOUZA, TAIANE GUEDES FONSECA, BR
[73] NANUM NANOTECNOLOGIA S/A, BR
[73] CONTADINI, JOSE FERNANDO, ZZ
[73] MOHALLEM, TARIK DELLA SANTINA, ZZ
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[54] **COMPOSANTS TIBIAUX ASYMETRIQUES POUR UNE PROTHESE DE GENOU**
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[72] BISCHOFF, JEFFREY E., US
[73] ZIMMER, INC., US
[73] WENTORF, MARY S.S., ZZ
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[73] ALLIANCE MACHINE SYSTEMS INTERNATIONAL, LLC, US
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[54] **MOULES POUR DISPOSITIFS OPHTALMIQUES ET PROCEDES APPARENTES**
[72] GOODENOUGH, NEIL, GB
[72] BRUCE, IAN, GB
[72] BIALEK, EDYTA S., GB
[72] NORRIS, LEE DARREN, GB
[72] MORSLEY, DAVID ROBERT, GB
[73] GOODENOUGH, NEIL, ZZ
[73] BRUCE, IAN, ZZ
[73] BIALEK, EDYTA S., ZZ
[73] NORRIS, LEE DARREN, ZZ
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[54] **CORTICOSTEROIDES POUR LE TRAITEMENT DE LA DOULEUR ARTICULAIRE**
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[72] BLANKS, ROBERT C., US
[72] KUMAR, ANJALI, US
[72] CLAYMAN, MICHAEL D., US
[72] MORAN, MARK, US
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[54] **APPAREIL ET PROCEDE DE RECEPTION D'UN SIGNAL DE RADIODIFFUSION NUMERIQUE**
[72] CHOE, JEEHYUN, KR
[72] LEE, JOONHUI, KR
[72] SUH, JONGYEUL, KR
[72] KIM, KWANSUK, KR
[73] LG ELECTRONICS INC., KR
[73] CHOE, JEEHYUN, ZZ
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[72] MICELI, JOSEPH A., US
[73] TRI STATE DISTRIBUTION, INC., US
[73] MICELI, DAVID A., ZZ
[73] MICELI, JOSEPH A., ZZ
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[87] (2810350)
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[51] **Int.Cl. A01C 23/00 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM MOUNTING ARRANGEMENT FOR AN AGRICULTURAL IMPLEMENT**
[54] **DISPOSITIF D'INSTALLATION DE SYSTEME DE COMMANDE POUR UN INSTRUMENT ARATOIRE**
[72] BLUNIER, TIMOTHY R., US
[72] MCMAHON, BRIAN, US
[72] MURDOCK, JAROD, US
[73] BLUNIER, TIMOTHY R., ZZ
[73] MCMAHON, BRIAN, ZZ
[73] MURDOCK, JAROD, ZZ
[73] CNH INDUSTRIAL AMERICA LLC, US
[86] (2811645)
[87] (2811645)
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[51] **Int.Cl. A01C 23/00 (2006.01)**
[25] EN
[54] **STORAGE TANK MOUNTING ARRANGEMENT FOR AN AGRICULTURAL IMPLEMENT**
[54] **DISPOSITIF D'INSTALLATION DE RESERVOIR DE STOCKAGE POUR UN INSTRUMENT ARATOIRE**
[72] BLUNIER, TIMOTHY R., US
[72] MCMAHON, BRIAN, US
[73] BLUNIER, TIMOTHY R., ZZ
[73] MCMAHON, BRIAN, ZZ
[73] CNH INDUSTRIAL AMERICA LLC, US
[86] (2811653)
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[54] **TOWED IMPLEMENT STRESS RELIEVED JOINTS**
[54] **JOINTS DE DETENTE POUR INSTRUMENT REMORQUE**
[72] BLUNIER, TIMOTHY R., US
[72] SUDBRINK, MATTHEW R., US
[72] FAUST, SCOTT ROBERT, US
[73] BLUNIER, TIMOTHY R., ZZ
[73] SUDBRINK, MATTHEW R., ZZ
[73] FAUST, SCOTT ROBERT, ZZ
[73] CNH INDUSTRIAL AMERICA LLC, US
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[87] (2812550)
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[25] EN
[54] **METHOD, APPARATUS AND SYSTEM FOR ACCESSING APPLICATIONS AND CONTENT ACROSS A PLURALITY OF COMPUTERS**
[54] **PROCEDE, APPAREIL ET SYSTEME POUR L'ACCES A DES APPLICATIONS ET AU CONTENU SUR UNE PLURALITE D'ORDINATEURS**
[72] BENDER, CHRISTOPHER LYLE, CA
[72] BROWN, MICHAEL STEPHEN, CA
[72] LITTLE, HERBERT ANTHONY, CA
[73] BENDER, CHRISTOPHER LYLE, CA
[73] BROWN, MICHAEL STEPHEN, CA
[73] LITTLE, HERBERT ANTHONY, CA
[73] BLACKBERRY LIMITED, CA
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[54] **SYSTEM AND METHOD OF WIND TURBINE CONTROL**
[54] **SYSTEME ET PROCEDE DE COMMANDE D'EOLIENNE**
[72] DANGE, DEVENDRA SHASHIKANT, US
[72] KEKKAROTH, RENJITH VIRIPULLAN, IN
[72] FRIC, THOMAS FRANK, US
[72] HARDWICKE, EDWARD WAYNE, JR., US
[72] PENNINGTON, NOAH, US
[73] GENERAL ELECTRIC COMPANY, US
[73] DANGE, DEVENDRA SHASHIKANT, ZZ
[73] KEKKAROTH, RENJITH VIRIPULLAN, ZZ
[73] FRIC, THOMAS FRANK, ZZ
[73] HARDWICKE, EDWARD WAYNE, JR., ZZ
[73] PENNINGTON, NOAH, ZZ
[86] (2813138)
[87] (2813138)
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[54] **METHOD AND APPARATUS FOR AVOIDING IN-DEVICE COEXISTENCE INTERFERENCE**
[54] **PROCEDE ET DISPOSITIF POUR EVITER UN BROUILLAGE DE COEXISTENCE DANS UN DISPOSITIF**
[72] KOO, CHANGHOI, US
[72] LI, JUN, US
[72] CAI, ZHIJUN, US
[73] KOO, CHANGHOI, ZZ
[73] LI, JUN, ZZ
[73] CAI, ZHIJUN, ZZ
[73] BLACKBERRY LIMITED, CA
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[25] EN
[54] **ORAL CARE COMPOSITIONS WITH IMPROVED FLAVOR**
[54] **COMPOSITIONS POUR SOINS BUCCO-DENTAIRES A SAVEUR AMELIOREE**
[72] HAUGHT, JOHN CHRISTIAN, US
[72] CAHEN, CHRISTINE MARIE, BE
[72] SREEKISHNA, KOTI TATACHAR, US
[72] ZHAO, WENZHU, US
[72] LIN, YAKANG, US
[72] SCHINAMAN, CATHY RENEE, US
[73] THE PROCTER & GAMBLE COMPANY, US
[73] HAUGHT, JOHN CHRISTIAN, ZZ
[73] CAHEN, CHRISTINE MARIE, ZZ
[73] SREEKISHNA, KOTI TATACHAR, ZZ
[73] ZHAO, WENZHU, ZZ
[73] LIN, YAKANG, ZZ
[73] SCHINAMAN, CATHY RENEE, ZZ
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[54] **PURIFICATION OF CARBON DIOXIDE**
[54] **PURIFICATION DE DIOXYDE DE CARBONE**
[72] HIGGINBOTHAM, PAUL, GB
[72] PALAMARA, JOHN EUGENE, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[73] HIGGINBOTHAM, PAUL, ZZ
[73] PALAMARA, JOHN EUGENE, ZZ
[86] (2813434)
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[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING WING TOOL BARS OF AN AGRICULTURAL IMPLEMENT**
[54] **SYSTEME ET METHODE DE COMMANDE DE BARRES D'OUTIL D'AILE D'UN INSTRUMENT ARATOIRE**
[72] BLUNIER, TIMOTHY R., US
[72] OLSON, TIMOTHY A., US
[73] BLUNIER, TIMOTHY R., ZZ
[73] OLSON, TIMOTHY A., ZZ
[73] CNH INDUSTRIAL AMERICA LLC, US
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[25] EN
[54] **PACKAGING FOR MODIFIED ATMOSPHERE PACKAGING**
[54] **EMBALLAGE POUR CONDITIONNEMENT SOUS ATMOSPHERE MODIFIEE**
[72] ZWAGA, RONALD, NL
[72] DE OLDE, REMI, NL
[72] TASMA, ALAIN WIETSE BASTIAAN, NL
[72] BUIS, GERARD, NL
[73] PACKABLE B.V., NL
[73] ZWAGA, RONALD, ZZ
[73] DE OLDE, REMI, ZZ
[73] TASMA, ALAIN WIETSE BASTIAAN, ZZ
[73] BUIS, GERARD, ZZ
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[25] EN
[54] **COMMUNICATION TERMINAL, COMMUNICATION METHOD AND COMPUTER READABLE INFORMATION RECORDING MEDIUM**
[54] **TERMINAL DE COMMUNICATION, PROCEDE DE COMMUNICATION ET SUPPORT D'ENREGISTREMENT DE DONNEES LISIBLE PAR UN ORDINATEUR**
[72] KATO, YOSHINAGA, JP
[72] TANAKA, KENJI, JP
[72] KANAUCHI, SHIZU, JP
[72] NAKAGAWA, MASAKI, JP
[72] VOLMAT, ALAIN, JP
[72] ASAI, TAKAHIRO, JP
[73] RICOH COMPANY, LTD., JP
[73] KATO, YOSHINAGA, ZZ
[73] TANAKA, KENJI, ZZ
[73] KANAUCHI, SHIZU, ZZ
[73] NAKAGAWA, MASAKI, ZZ
[73] VOLMAT, ALAIN, ZZ
[73] ASAI, TAKAHIRO, ZZ
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[25] EN
[54] **METHOD FOR THE PREPARATION OF A CATALYSED PARTICULATE FILTER AND CATALYSED PARTICULATE FILTER**
[54] **FILTRE A PARTICULES CATALYSE ET SON PROCEDE DE PREPARATION**
[72] JOHANSEN, KELD, DK
[73] HALDOR TOPSOE A/S, DK
[73] JOHANSEN, KELD, ZZ
[85] 2013-04-22
[86] 2011-07-01 (PCT/EP2011/003257)
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[25] EN
[54] **ECHO SUPPRESSION COMPRISING MODELING OF LATE REVERBERATION COMPONENTS**
[54] **ATTENUATION D'ECHO COMPORTANT UNE MODELISATION DES COMPOSANTES DE REVERBERATION TARDIVE**
[72] KUECH, FABIAN, DE
[72] SCHMIDT, MARKUS, DE
[72] FALLER, CHRISTOF, CH
[72] FAVROT, ALEXIS, CH
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[73] KUECH, FABIAN, ZZ
[73] SCHMIDT, MARKUS, ZZ
[73] FALLER, CHRISTOF, ZZ
[73] FAVROT, ALEXIS, ZZ
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[54] **HIGH-VOLTAGE SWITCH WITH COOLING DEVICE**
[54] **INTERRUPTEUR HAUTE TENSION DOTE D'UN DISPOSITIF DE REFROIDISSEMENT**
[72] BERGMANN, THORALD HORST, DE
[73] BERGMANN, THORALD HORST, ZZ
[73] BERGMANN MESSGERAETE ENTWICKLUNG KG, DE
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[51] **Int.Cl. B01F 15/00 (2006.01) B01F 7/08 (2006.01)**
[25] EN
[54] **INDEPENDENT AUGER OPERATION**
[54] **FONCTIONNEMENT INDEPENDANT DE VIS**
[72] BASSETT, WILLIAM, US
[73] KUHN NORTH AMERICA, INC., US
[73] BASSETT, WILLIAM, ZZ
[85] 2013-04-30
[86] 2011-10-20 (PCT/US2011/057009)
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[51] **Int.Cl. G09G 5/39 (2006.01)**
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[54] **TILED VIEWPORT COMPOSITION**
[54] **COMPOSITION DE CLOTURE A PAVE**
[72] BELANGER, ETIENNE, CA
[73] BELANGER, ETIENNE, CA
[73] 2236008 ONTARIO INC., CA
[86] (2817492)
[87] (2817492)
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[51] **Int.Cl. G06F 21/56 (2013.01) G06F 15/18 (2006.01)**
[25] EN
[54] **DETECTING MALICIOUS SOFTWARE THROUGH CONTEXTUAL CONVICTIONS, GENERIC SIGNATURES AND MACHINE LEARNING TECHNIQUES**
[54] **DETECTION D'UN LOGICIEL MALVEILLANT PAR LE BIAIS D'INFORMATIONS CONTEXTUELLES, DE SIGNATURES GENERIQUES ET DE TECHNIQUES D'APPRENTISSAGE MACHINE**
[72] FRIEDRICHS, OLIVER, US
[72] HUGER, ALFRED, US
[72] O'DONNELL, ADAM J., US
[73] FRIEDRICHS, OLIVER, ZZ
[73] HUGER, ALFRED, ZZ
[73] O'DONNELL, ADAM J., ZZ
[73] CISCO TECHNOLOGY, INC., US
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[51] **Int.Cl. C10J 3/46 (2006.01)**
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[54] **TWO STAGE ENTRAINED GASIFICATION SYSTEM AND PROCESS**
[54] **SYSTEME ET PROCESSUS DE GAZEIFICATION PAR ENTRAINEMENT A DEUX ETAGES**
[72] TSANG, ALBERT C., US
[72] WILLIAMS, CHANCELOR L., US
[72] THOMPSON, MAX W., US
[72] BRETON, DAVID L., US
[73] TSANG, ALBERT C., ZZ
[73] WILLIAMS, CHANCELOR L., ZZ
[73] THOMPSON, MAX W., ZZ
[73] BRETON, DAVID L., ZZ
[73] LUMMUS TECHNOLOGY, INC., US
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[25] EN
[54] **ANNOTATION METHOD AND SYSTEM FOR CONFERENCING**
[54] **PROCEDE D'ANNOTATION ET SYSTEME DE TELECONFERENCE**
[72] HILL, DOUGLAS BLAIR, CA
[72] BAX, BRADLEY JAMES, CA
[72] GARIN, ALEXANDER, CA
[72] MAHOVSKY, JEFFREY ADAM, CA
[73] HILL, DOUGLAS BLAIR, CA
[73] BAX, BRADLEY JAMES, CA
[73] GARIN, ALEXANDER, CA
[73] MAHOVSKY, JEFFREY ADAM, CA
[73] SMART TECHNOLOGIES ULC, CA
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[51] **Int.Cl. H04W 88/02 (2009.01) G08B 21/18 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ANTENNA PARAMETER NOTIFICATION**
[54] **PROCEDE ET APPAREIL DE NOTIFICATION DE PARAMETRE D'ANTENNE**
[72] VELUPPILLAI, MAHINTHAN, CA
[72] SANGARY, NAGULA THARMA, CA
[73] VELUPPILLAI, MAHINTHAN, CA
[73] SANGARY, NAGULA THARMA, CA
[73] BLACKBERRY LIMITED, CA
[86] (2820475)
[87] (2820475)
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[25] EN
[54] **PULSED ELECTRIC ROCK DRILLING, FRACTURING, AND CRUSHING METHODS AND APPARATUS**
[54] **PROCEDES ET DISPOSITIF DE FORAGE, DE FRACTURATION ET DE CONCASSAGE DE ROCHES A COURANT PULSE**
[72] MOENY, WILLIAM, US
[72] HILL, GILMAN, US
[73] SDG, LLC, US
[73] MOENY, WILLIAM, ZZ
[73] HILL, GILMAN, ZZ
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[87] (2821140)
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[25] EN
[54] **SULFUR MELTING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE FUSION DE SOUFRE**
[72] PICKREN, ROY ANTHONY, US
[72] MADUELL, ROGER JACQUES, US
[72] SINGLETON, DAVID BRIAN, US
[73] CTI CONSULTING, LLC, US
[73] PICKREN, ROY ANTHONY, ZZ
[73] MADUELL, ROGER JACQUES, ZZ
[73] SINGLETON, DAVID BRIAN, ZZ
[86] (2821527)
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[51] **Int.Cl. B01J 10/02 (2006.01) B01D 12/00 (2006.01) B01J 19/24 (2006.01)**
[25] EN
[54] **USE OF GAS-SEPARATION MEMBRANES TO ENHANCE PRODUCTION IN FIELDS CONTAINING HIGH CONCENTRATIONS OF HYDROGEN SULFIDES**
[54] **UTILISATION DE MEMBRANES DE SEPARATION DE GAZ POUR AMELIORER LA PRODUCTION DANS LES GISEMENTS CONTENANT DE FORTES CONCENTRATIONS DE SULFURES D'HYDROGENE**
[72] CHINN, DANIEL, US
[72] CHEN, JEN KAI, US
[72] ONG, JAMES, US
[72] CHENG, MINQUAN, US
[72] OKEOWO, OLUWASIJIBOMI O., US
[73] CHEVRON U.S.A. INC., US
[73] CHINN, DANIEL, ZZ
[73] CHEN, JEN KAI, ZZ
[73] ONG, JAMES, ZZ
[73] CHENG, MINQUAN, ZZ
[73] OKEOWO, OLUWASIJIBOMI O., ZZ
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[54] **CHASSIS**
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[72] MASSERANG, KEITH, US
[72] HICKS, JOSHUA JAMES, US
[72] LAWSON, LAWRENCE J., US
[72] CLARK, BARRY ALLAN, US
[73] ANDROID INDUSTRIES LLC, US
[73] MASSERANG, KEITH, ZZ
[73] HICKS, JOSHUA JAMES, ZZ
[73] LAWSON, LAWRENCE J., ZZ
[73] CLARK, BARRY ALLAN, ZZ
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[51] **Int.Cl. E01F 15/02 (2006.01) E01F 15/14 (2006.01)**
[25] EN
[54] **END TREATMENTS AND TRANSITIONS FOR WATER-BALLASTED PROTECTION BARRIER ARRAYS**
[54] **TRAITEMENTS D'EXTREMITE ET TRANSITIONS POUR SERIES DE BARRIERES DE PROTECTION REMPLIES D'EAU**
[72] MAUS, GEOFFREY B., US
[72] ALMANZA, FELIPE, US
[72] SMITH, JEREMY, US
[73] TRAFFIX DEVICES, INC., US
[73] MAUS, GEOFFREY B., ZZ
[73] ALMANZA, FELIPE, ZZ
[73] SMITH, JEREMY, ZZ
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[54] **HEAT REMOVAL SYSTEM AND METHOD FOR USE WITH A NUCLEAR REACTOR**
[54] **SYSTEME D'EVACUATION DE LA CHALEUR ET PROCEDE DESTINE A ETRE UTILISE AVEC UN REACTEUR NUCLEAIRE**
[72] SEXTON, COLIN MAXWELL, US
[72] MATONIC, JOHN HAROLD, US
[72] LAFOUNTAIN, MAURICE ANDREW, US
[72] HOUGHTON, ZACHARY JAMES, US
[72] BIASCA, RICHARD, US
[72] ARTHUR, JONATHAN JAMES, US
[73] SEXTON, COLIN MAXWELL, ZZ
[73] MATONIC, JOHN HAROLD, ZZ
[73] LAFOUNTAIN, MAURICE ANDREW, ZZ
[73] HOUGHTON, ZACHARY JAMES, ZZ
[73] BIASCA, RICHARD, ZZ
[73] ARTHUR, JONATHAN JAMES, ZZ
[73] NUSCALE POWER, LLC, US
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[25] EN
[54] **SYSTEM AND METHOD FOR WIND POWER DISPATCH IN A WIND FARM**
[54] **SYSTEME ET PROCEDE DE REPARTITION DE L'ENERGIE EOLIENNE DANS UN PARC EOLIEN**
[72] BURRA, RAJNI KANT, US
[72] RYALI, VENKATARAO, IN
[72] GANIREDDY, GOVARDHAN, IN
[72] SHAH, MINESH ASHOK, US
[72] AMBEKAR, AKSHAY KRISHNAMURTY, IN
[72] ABATE, VICTOR ROBERT, US
[73] GENERAL ELECTRIC COMPANY, US
[73] BURRA, RAJNI KANT, ZZ
[73] RYALI, VENKATARAO, ZZ
[73] GANIREDDY, GOVARDHAN, ZZ
[73] SHAH, MINESH ASHOK, ZZ
[73] AMBEKAR, AKSHAY KRISHNAMURTY, ZZ
[73] ABATE, VICTOR ROBERT, ZZ
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[54] **SYSTEM AND METHOD OF SELECTING WIND TURBINE GENERATORS IN A WIND PARK FOR CHANGE OF OUTPUT POWER**
[54] **SYSTEME ET PROCEDE POUR SELECTIONNER DES AEROGENERATEURS DANS UN PARC EOLIEN EN VUE DE MODIFIER LA PUISSANCE DE SORTIE**
[72] UBBEN, ENNO, DE
[72] MIDDENDORF, JOERG, DE
[72] LOH, FRIEDRICH, DE
[73] GENERAL ELECTRIC COMPANY, US
[73] UBBEN, ENNO, ZZ
[73] MIDDENDORF, JOERG, ZZ
[73] LOH, FRIEDRICH, ZZ
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[54] **ION BINDING COMPOSITIONS**
[54] **COMPOSITIONS POUR LIAISON IONIQUE**
[72] CHARMOT, DOMINIQUE, US
[72] FORDTRAN, JOHN, US
[72] CHANG, HAN TING, US
[72] CONNOR, ERIC, US
[72] LIU, MINGJUN, US
[72] KLAERNER, GERRIT, US
[73] CHARMOT, DOMINIQUE, ZZ
[73] FORDTRAN, JOHN, ZZ
[73] CHANG, HAN TING, ZZ
[73] CONNOR, ERIC, ZZ
[73] LIU, MINGJUN, ZZ
[73] KLAERNER, GERRIT, ZZ
[73] RELYPSA, US
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[54] **SYSTEM AND METHOD FOR OPERATING WIND FARM**
[54] **SYSTEME ET PROCEDE POUR FAIRE FONCTIONNER UN PARC EOLIEN**
[72] JAYANT, ADITYA, IN
[72] AROKIASAMY, VINCENT, IN
[72] SRIKANTA, SANTHOSHA YELWAL, IN
[72] NAIR, SHIMNAMOL PADMANABHAN, IN
[73] GENERAL ELECTRIC COMPANY, US
[73] JAYANT, ADITYA, ZZ
[73] AROKIASAMY, VINCENT, ZZ
[73] SRIKANTA, SANTHOSHA YELWAL, ZZ
[73] NAIR, SHIMNAMOL PADMANABHAN, ZZ
[86] (2830101)
[87] (2830101)
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[25] EN
[54] **DRYER WITH HEAT PUMP**
[54] **SECHOIR AVEC POMPE A CHALEUR**
[72] CHUNG, YOUNGSUK, KR
[72] LEE, DONGGEUN, KR
[72] KIM, MYOUNGJONG, KR
[73] LG ELECTRONICS INC., KR
[73] CHUNG, YOUNGSUK, ZZ
[73] LEE, DONGGEUN, ZZ
[73] KIM, MYOUNGJONG, ZZ
[86] (2833433)
[87] (2833433)
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[54] **SYSTEM AND METHOD FOR SECURELY MOVING CONTENT**
[54] **SYSTEME ET PROCEDE DE DEPLACEMENT SECURISE D'UN CONTENU**
[72] SHAMSAASEF, RAFIE, US
[72] ZHANG, JIANG, US
[72] PETERKA, PETR, US
[73] SHAMSAASEF, RAFIE, ZZ
[73] ZHANG, JIANG, ZZ
[73] PETERKA, PETR, ZZ
[73] GOOGLE TECHNOLOGY HOLDINGS LLC, US
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[25] EN
[54] **CALIBRATION METHOD FOR A DEVICE HAVING A SCAN FUNCTION**
[54] **PROCEDE D'ETALONNAGE POUR APPAREIL A FONCTION DE BALAYAGE**
[72] HINDERLING, JURG, CH
[72] GORDON, BIANCA, DE
[72] WALSER, BERND, CH
[73] HEXAGON TECHNOLOGY CENTER GMBH, CH
[73] HINDERLING, JURG, ZZ
[73] GORDON, BIANCA, ZZ
[73] WALSER, BERND, ZZ
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[25] EN
[54] **METHOD FOR TREATING ANEMIA IN HEMODIALYSIS PATIENTS**
[54] **METHODE DE TRAITEMENT DE L'ANEMIE CHEZ DES PATIENTS SOUS HEMODIALYSE**
[72] BECK, WERNER, DE
[72] BOSCH, JUAN, US
[73] GAMBRO LUNDIA AB, SE
[73] BECK, WERNER, ZZ
[73] BOSCH, JUAN, ZZ
[85] 2013-10-29
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[25] FR
[54] **STEEL SHEET WITH HIGH MECHANICAL STRENGTH, DUCTILITY AND FORMABILITY PROPERTIES, PRODUCTION METHOD AND USE OF SUCH SHEETS**
[54] **TOLE D'ACIER A HAUTES CARACTERISTIQUES MECANIQUES DE RESISTANCE, DE DUCTILITE ET DE FORMABILITE, PROCEDE DE FABRICATION ET UTILISATION DE TELLES TOLES**
[72] ALLAIN, SEBASTIEN, FR
[72] MAHIEU, JAN, BE
[72] CROUVIZIER, MICKAEL DENIS, FR
[72] MASTRORILLO, THIERRY, FR
[72] HENNION, ARNAUD, BE
[73] ARCELORMITTAL INVESTIGACION Y DESARROLLO SL, ES
[73] ALLAIN, SEBASTIEN, ZZ
[73] MAHIEU, JAN, ZZ
[73] CROUVIZIER, MICKAEL DENIS, ZZ
[73] MASTRORILLO, THIERRY, ZZ
[73] HENNION, ARNAUD, ZZ
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[25] EN
[54] **PROTEOSTASIS REGULATORS**
[54] **REGULATEURS DE LA PROTEOSTASIE**
[72] FOLEY, MEGAN, US
[72] TAIT, BRADLEY, US
[72] CULLEN, MATTHEW, US
[73] PROTEOSTASIS THERAPEUTICS, INC., US
[73] FOLEY, MEGAN, ZZ
[73] TAIT, BRADLEY, ZZ
[73] CULLEN, MATTHEW, ZZ
[85] 2013-11-08
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[25] EN
[54] **CONVERSION OF FATTY ACIDS TO BASE OILS AND TRANSPORTATION FUELS**
[54] **CONVERSION D'ACIDES GRAS EN HUILES DE BASE ET COMBUSTIBLES DE TRANSPORT**
[72] ZHAN, BI-ZENG, US
[72] HOMMELTOFT, SVEN IVAR, US
[73] CHEVRON U.S.A. INC., US
[73] ZHAN, BI-ZENG, ZZ
[73] HOMMELTOFT, SVEN IVAR, ZZ
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[86] 2012-05-14 (PCT/US2012/037767)
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[25] EN
[54] **PARTIAL OXIDATION OF METHANE AND HIGHER HYDROCARBONS IN SYNGAS STREAMS**
[54] **OXYDATION PARTIELLE DE METHANE ET D'HYDROCARBURES SUPERIEURS DANS DES FLUX DE GAZ DE SYNTHESE**
[72] BOOL, LAWRENCE, US
[72] CHAKRAVARTI, SHRIKAR, US
[72] LAUX, STEFAN EF, US
[72] DRNEVICH, RAYMOND F., US
[72] BONAQUIST, DANTE P., US
[72] THOMPSON, DAVID R., US
[73] PRAXAIR TECHNOLOGY, INC., US
[73] BOOL, LAWRENCE, ZZ
[73] CHAKRAVARTI, SHRIKAR, ZZ
[73] LAUX, STEFAN EF, ZZ
[73] DRNEVICH, RAYMOND F., ZZ
[73] BONAQUIST, DANTE P., ZZ
[73] THOMPSON, DAVID R., ZZ
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[54] **MULTI-DIRECTIONAL REINFORCING DRYWALL TAPE**
[54] **BANDE DE CLOISON SECHE DE RENFORT MULTIDIRECTIONNELLE**
[72] SPANTON, DAVID L., US
[72] GRIFFIN, JAMES, US
[72] MORELAND, KRISTYN, US
[72] DIBLEY, FRANCIS P., US
[73] SAINT-GOBAIN ADFORS CANADA, LTD., US
[73] SPANTON, DAVID L., ZZ
[73] GRIFFIN, JAMES, ZZ
[73] MORELAND, KRISTYN, ZZ
[73] DIBLEY, FRANCIS P., ZZ
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[54] **FISH HOOK WITH MULTIPLE CONVEX FACETS**
[54] **HAMECON AVEC FACETTES CONVEXES MULTIPLES**
[72] BARTELL, JOSEPH E., US
[73] WRIGHT & MCGILL CO., US
[73] BARTELL, JOSEPH E., ZZ
[85] 2013-11-15
[86] 2012-05-09 (PCT/US2012/037018)
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[51] **Int.Cl. E04F 13/22 (2006.01) E04F 13/24 (2006.01)**
[25] EN
[54] **HIGH-STRENGTH RIBBON LOOP ANCHORS AND ANCHORING SYSTEMS UTILIZING THE SAME**
[54] **ANCRES A BOUCLE DE RUBAN A HAUTE RESISTANCE ET SYSTEMES D'ANCRAGE LES UTILISANT**
[72] HOHMANN, RONALD P., JR., US
[72] HOHMANN, RONALD P., US
[73] MITEK HOLDINGS, INC., US
[73] HOHMANN, RONALD P., JR., ZZ
[73] HOHMANN, RONALD P., ZZ
[86] (2836937)
[87] (2836937)
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[54] **SEED METER CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE DISPOSITIF DE MESURE DE GRAINES**
[72] MAYERLE, DEAN J., CA
[73] MAYERLE, DEAN J., CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2839209)
[87] (2839209)
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[51] **Int.Cl. B65D 85/804 (2006.01) A47J 31/00 (2006.01) A47J 31/36 (2006.01) A47J 31/44 (2006.01)**
[25] EN
[54] **BEVERAGE FORMATION APPARATUS AND METHOD USING VIBRATORY ENERGY**
[54] **DISPOSITIF DE PREPARATION DE BOISSONS ET PROCEDE UTILISANT L'ENERGIE VIBRATOIRE**
[72] PETERSON, PETER, US
[72] JONES, ROSS PETER, GB
[72] HEMBER, MILES WILLIAM NOEL, GB
[72] GONZALEZ-ZUGASTI, JAVIER, US
[73] PETERSON, PETER, ZZ
[73] JONES, ROSS PETER, ZZ
[73] HEMBER, MILES WILLIAM NOEL, ZZ
[73] GONZALEZ-ZUGASTI, JAVIER, ZZ
[73] KEURIG GREEN MOUNTAIN, INC., US
[85] 2013-12-12
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[30] US (61/497,287) 2011-06-15
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[25] EN
[54] **HEAT TRANSFER MANAGEMENT**
[54] **GESTION DU TRANSFERT THERMIQUE**
[72] MANKOWSKI, PETER, CA
[72] GERIS, RYAN ALEXANDER, CA
[72] RANG, WEIMIN, CA
[73] BLACKBERRY LIMITED, CA
[73] MANKOWSKI, PETER, CA
[73] GERIS, RYAN ALEXANDER, CA
[73] RANG, WEIMIN, CA
[86] (2839637)
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[51] **Int.Cl. G06F 21/00 (2013.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYNTACTICAL FINGERPRINTING**
[54] **EMPREINTE NUMERIQUE SYNTAXIQUE**
[72] WARDMAN, BRAD, US
[72] HADDOCK, WALKER, US
[73] WARDMAN, BRAD, ZZ
[73] HADDOCK, WALKER, ZZ
[73] THE UAB RESEARCH FOUNDATION, US
[85] 2014-01-03
[86] 2012-07-09 (PCT/US2012/045979)
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[25] EN
[54] **CHANNEL BONDING FOR MULTIPLE COMMUNICATION SYSTEMS**
[54] **AGREGATION DE CANAUX POUR SYSTEMES DE COMMUNICATION MULTIPLES**
[72] HART, GEORGE MAYNARD, CA
[72] KUARSINGH, VICTOR, CA
[73] ROGERS COMMUNICATIONS INC., CA
[73] HART, GEORGE MAYNARD, CA
[73] KUARSINGH, VICTOR, CA
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[51] **Int.Cl. E21B 47/04 (2012.01) E21B 49/08 (2006.01)**
[25] EN
[54] **AUTOMATIC OPTIMIZING METHODS FOR RESERVOIR TESTING**
[54] **PROCEDES D'OPTIMISATION AUTOMATIQUE POUR TEST DE RESERVOIR**
[72] PROETT, MARK, US
[72] CHEN, DINGDING, US
[72] HADIBEIK, ABDOLHAMID, US
[72] EYUBOGLU, SAMMI ABBAS, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] PROETT, MARK, ZZ
[73] CHEN, DINGDING, ZZ
[73] HADIBEIK, ABDOLHAMID, ZZ
[73] EYUBOGLU, SAMMI ABBAS, ZZ
[85] 2014-01-22
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[54] **PROCESS OF LEACHING PRECIOUS METALS**
[54] **PROCEDE DE LIXIVIATION DE METAUX PRECIEUX**
[72] XIA, CHEN, CA
[73] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA, CA
[73] XIA, CHEN, CA
[85] 2014-01-31
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[25] EN
[54] **SYSTEM AND METHOD FOR REDUCING LOADS ACTING ON A WIND TURBINE IN RESPONSE TO TRANSIENT WIND CONDITIONS**
[54] **SYSTEME ET PROCEDE POUR REDUIRE LES CHARGES AGISSANT SUR UNE EOLIENNE EN REPONSE A DES CONDITIONS DE VENTS TRANSITOIRES**
[72] PERLEY, THOMAS FRANKLIN, US
[72] GERBER, BRANDON SHANE, US
[72] RASTOGI, RAHUL, US
[73] GENERAL ELECTRIC COMPANY, US
[73] PERLEY, THOMAS FRANKLIN, ZZ
[73] GERBER, BRANDON SHANE, ZZ
[73] RASTOGI, RAHUL, ZZ
[86] (2844165)
[87] (2844165)
[22] 2014-02-27
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[54] **GLASS PLATE FOR A CONCRETE CONVEYING PUMP**
[54] **PLAQUE DE VERRE POUR POMPE DE TRANSPORT DU BETON**
[72] YU, ZIQIANG, CN
[73] ZHENGZHOU YIAN MACHINERY CO., LTD, CN
[73] YU, ZIQIANG, ZZ
[85] 2014-02-19
[86] 2012-08-13 (PCT/CN2012/080041)
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[25] EN
[54] **THERMAL ARRAY SYSTEM**
[54] **SYSTEME DE RESEAU THERMIQUE**
[72] SCHMIDT, PHILLIP S., US
[72] SWANSON, CAL T., US
[72] LEMKE, JOHN F., US
[73] WATLOW ELECTRIC MANUFACTURING COMPANY, US
[73] SCHMIDT, PHILLIP S., ZZ
[73] SWANSON, CAL T., ZZ
[73] LEMKE, JOHN F., ZZ
[85] 2014-02-28
[86] 2012-08-30 (PCT/US2012/053054)
[87] (WO2013/033336)
[30] US (61/528,939) 2011-08-30
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[51] **Int.Cl. H05B 1/02 (2006.01) H01L 21/67 (2006.01)**
[25] EN
[54] **THERMAL ARRAY SYSTEM**
[54] **SYSTEME DE MATRICE THERMIQUE**
[72] SWANSON, CAL T., US
[72] SCHMIDT, PHILLIP S., US
[73] WATLOW ELECTRIC MANUFACTURING COMPANY, US
[73] SWANSON, CAL T., ZZ
[73] SCHMIDT, PHILLIP S., ZZ
[85] 2014-02-28
[86] 2012-08-30 (PCT/US2012/053069)
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[30] US (61/528,939) 2011-08-30
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[25] EN
[54] **MOTION VECTOR DETERMINATION FOR VIDEO CODING**
[54] **DETERMINATION DE VECTEUR DE MOUVEMENT POUR UN CODAGE VIDEO**
[72] WANG, XIANGLIN, US
[72] ZHENG, YUNFEI, US
[72] SEREGIN, VADIM, US
[72] KARCZEWICZ, MARTA, US
[73] QUALCOMM INCORPORATED, US
[73] WANG, XIANGLIN, ZZ
[73] ZHENG, YUNFEI, ZZ
[73] SEREGIN, VADIM, ZZ
[73] KARCZEWICZ, MARTA, ZZ
[85] 2014-03-05
[86] 2012-08-15 (PCT/US2012/050918)
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[30] US (61/535,964) 2011-09-17
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[30] US (61/564,764) 2011-11-29
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[51] **Int.Cl. H04L 29/06 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DIRECTING A COMMUNICATION SESSION TO A COMMUNICATION DEVICE OF A GROUP OF DEVICES HAVING A COMMON REGISTRATION IDENTITY**
[54] **APPAREIL ET PROCEDE PERMETTANT DE DIRIGER UNE SESSION DE COMMUNICATION VERS UN DISPOSITIF DE COMMUNICATION D'UN GROUPE DE DISPOSITIFS PRESENTANT UNE IDENTITE D'ENREGISTREMENT COMMUNE**
[72] KIM, YOUNGAE, CA
[72] ALLEN, ANDREW, US
[72] BUCKLEY, ADRIAN, US
[72] BAKKER, JAN JOHN-LUC, US
[73] BLACKBERRY LIMITED, CA
[73] KIM, YOUNGAE, CA
[73] ALLEN, ANDREW, ZZ
[73] BUCKLEY, ADRIAN, ZZ
[73] BAKKER, JAN JOHN-LUC, ZZ
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[54] **IRON-BASED FISCHER-TROPSCH CATALYST**
[54] **CATALYSEUR DE FISCHER-TROPSCH A BASE DE FER**
[72] KHARAS, KARL C., US
[73] KHARAS, KARL C., ZZ
[73] RES USA, LLC, US
[85] 2014-04-16
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[54] **CALL RECORDING IN A TELECOMMUNICATIONS NETWORK**
[54] **ENREGISTREMENT D'APPEL DANS UN RESEAU DE TELECOMMUNICATION**
[72] TAGG, JAMES, GB
[72] EVANS, TIMOTHY PAUL, GB
[72] BORISOGLEBSKI, IGOR, PT
[72] GUY, EDWARD THOMAS, III., US
[72] BODY, JAMES EDWARD, GB
[73] TRUPHONE LIMITED, GB
[73] TAGG, JAMES, ZZ
[73] EVANS, TIMOTHY PAUL, ZZ
[73] BORISOGLEBSKI, IGOR, ZZ
[73] GUY, EDWARD THOMAS, III., ZZ
[73] BODY, JAMES EDWARD, ZZ
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[54] **METHODS AND SYSTEMS FOR ANALYZING FORMATION PROPERTIES WHEN PERFORMING SUBTERRANEAN OPERATIONS**
[54] **PROCEDES ET SYSTEMES D'ANALYSE DE PROPRIETES DE FORMATIONS LORS DE LA REALISATION D'OPERATIONS SOUTERRAINES**
[72] GAO, LI, US
[72] BITTAR, MICHAEL, US
[73] GAO, LI, ZZ
[73] BITTAR, MICHAEL, ZZ
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-05-15
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[51] **Int.Cl. H04W 4/12 (2009.01) G06Q 10/00 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MEASURING, COMPARING AND IMPROVING WORK FORCE COMMUNICATION RESPONSE TIMES, PERFORMANCE, EFFICIENCY AND EFFECTIVENESS**
[54] **SYSTEME ET METHODE DE MESURE, COMPARAISON ET AMELIORATION DE TEMPS DE REPONSE, RENDEMENT, EFFICIENCE ET EFFICACITE DES COMMUNICATIONS AVEC LA MAIN D'OEUVRE**
[72] DEBENEDICTIS, CHRISTOPHER J., US
[72] SCHMIDT, PAUL, US
[72] SUBBLOIE, ALBERT R., JR., US
[72] LEEMET, JAAN, US
[73] TANGOE, INC., US
[73] DEBENEDICTIS, CHRISTOPHER J., ZZ
[73] SCHMIDT, PAUL, ZZ
[73] SUBBLOIE, ALBERT R., JR., ZZ
[73] LEEMET, JAAN, ZZ
[86] (2857036)
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[22] 2014-07-17
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[25] EN
[54] **CONTINUOUSLY VARIABLE TRANSMISSION, CLUTCH SYSTEM, VEHICLE AND METHOD FOR CONTROLLING A TRANSMISSION**
[54] **TRANSMISSION A VARIATION CONTINUE, SYSTEME D'EMBRAYAGE, VEHICULE ET PROCEDE DE COMMANDE DE TRANSMISSION**
[72] DEC, ANDRZEJ, US
[73] DEC, ANDRZEJ, ZZ
[73] GATES CORPORATION, US
[85] 2014-06-04
[86] 2012-12-05 (PCT/US2012/067825)
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[25] EN
[54] **METHOD AND SYSTEM FOR ENCODING AUDIO DATA WITH ADAPTIVE LOW FREQUENCY COMPENSATION**
[54] **PROCEDE ET SYSTEME DE CODAGE DE DONNEES AUDIO AVEC COMPENSATION DE FREQUENCE BASSE ADAPTATIVE**
[72] BISWAS, ARIJIT, DE
[72] MELKOTE, VINAY, US
[72] SCHUG, MICHAEL, DE
[72] DAVIDSON, GRANT A., US
[72] VINTON, MARK S., US
[73] DOLBY LABORATORIES LICENSING CORPORATION, US
[73] DOLBY INTERNATIONAL AB, NL
[73] BISWAS, ARIJIT, ZZ
[73] MELKOTE, VINAY, ZZ
[73] SCHUG, MICHAEL, ZZ
[73] DAVIDSON, GRANT A., ZZ
[73] VINTON, MARK S., ZZ
[85] 2014-06-09
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[30] US (61/584,478) 2012-01-09
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[25] EN
[54] **CONTAINERS FOR DISPENSING PERSONAL CARE PRODUCT AND METHODS**
[54] **RECIPIENTS DE DISTRIBUTION DE PRODUIT DE SOINS PERSONNELS ET PROCEDES**
[72] THULIN, NATHANIEL DAVID, US
[72] BATES, CHRISTOPHER EUGENE, US
[72] DALTON, DAVID ANDREW, US
[73] THE PROCTER & GAMBLE COMPANY, US
[73] THULIN, NATHANIEL DAVID, ZZ
[73] BATES, CHRISTOPHER EUGENE, ZZ
[73] DALTON, DAVID ANDREW, ZZ
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[51] **Int.Cl. H04B 10/11 (2013.01) H04B 10/40 (2013.01)**
[25] EN
[54] **USING PREDICTED MOVEMENT TO MAINTAIN OPTICAL-COMMUNICATION LOCK WITH NEARBY BALLOON**
[54] **UTILISATION DE MOUVEMENT PREDIT POUR MAINTENIR UN VERROUILLAGE DE COMMUNICATION OPTIQUE AVEC UN BALLON A PROXIMITE**
[72] DEVAUL, RICHARD WAYNE, US
[72] TELLER, ERIC, US
[72] BIFFLE, CLIFFORD L., US
[72] WEAVER, JOSH, US
[73] DEVAUL, RICHARD WAYNE, ZZ
[73] TELLER, ERIC, ZZ
[73] BIFFLE, CLIFFORD L., ZZ
[73] WEAVER, JOSH, ZZ
[73] X DEVELOPMENT LLC, US
[85] 2014-06-13
[86] 2013-01-07 (PCT/US2013/020538)
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[51] **Int.Cl. C23C 24/10 (2006.01) B22F 3/105 (2006.01)**
[25] EN
[54] **METAL POWDER PROCESSING EQUIPMENT**
[54] **EQUIPEMENT DE TRAITEMENT DE POUDRE METALLIQUE**
[72] AMAYA, KOICHI, JP
[72] KATOH, TOSHIHIKO, JP
[72] MATSUBARA, HIDETO, JP
[72] YOSHIDA, MITSUYOSHI, JP
[73] MATSUURA MACHINERY CORPORATION, JP
[73] AMAYA, KOICHI, ZZ
[73] KATOH, TOSHIHIKO, ZZ
[73] MATSUBARA, HIDETO, ZZ
[73] YOSHIDA, MITSUYOSHI, ZZ
[86] (2859414)
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[22] 2014-08-14
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[51] **Int.Cl. G06K 19/00 (2006.01) G06Q 10/00 (2012.01)**
[25] EN
[54] **CONTEXT BASED SCANNING AND READING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'ANALYSE ET DE LECTURE BASES SUR UN CONTEXTE**
[72] CLAYTON, RICHARD M., US
[72] SPIRO, ALEXANDER R., US
[73] CLAYTON, RICHARD M., ZZ
[73] SPIRO, ALEXANDER R., ZZ
[73] SYMBOL TECHNOLOGIES, LLC, US
[85] 2014-06-17
[86] 2012-12-05 (PCT/US2012/067947)
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[25] EN
[54] **HIGH VOLTAGE STATOR COIL WITH REDUCED POWER TIP-UP**
[54] **BOBINE DE STATOR A HAUTE TENSION DOTEE D'UNE POINTE A PUISSANCE REDUITE**
[72] EMERY, FRANKLIN T., US
[73] SIEMENS ENERGY, INC., US
[73] EMERY, FRANKLIN T., ZZ
[85] 2014-07-15
[86] 2013-02-01 (PCT/US2013/024318)
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[51] **Int.Cl. B01D 53/86 (2006.01) B01D 53/94 (2006.01)**
[25] EN
[54] **SELECTIVE CATALYTIC REDUCTION SYSTEM AND PROCESS FOR CONTROL OF NOX EMISSIONS IN A SULFUR-CONTAINING GAS STREAM**
[54] **SYSTEME DE REDUCTION CATALYTIQUE SELECTIVE ET PROCEDE DE REGULATION D'EMISSIONS DE NOX DANS UN COURANT DE GAZ CONTENANT DU SOUFRE**
[72] SOBOLEVSKIY, ANATOLY, US
[73] SIEMENS ENERGY, INC., US
[73] SOBOLEVSKIY, ANATOLY, ZZ
[85] 2014-07-15
[86] 2013-02-12 (PCT/US2013/025723)
[87] (WO2013/122924)
[30] US (61/598,010) 2012-02-13
[30] US (13/453,013) 2012-04-23

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[51] **Int.Cl. G06K 17/00 (2006.01) G06K 7/10 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR RADIO FREQUENCY IDENTIFICATION (RFID) DATA TRANSMISSION**
[54] **PROCEDE ET APPAREIL POUR LA TRANSMISSION DE DONNEES D'IDENTIFICATION PAR RADIOFREQUENCE (RFID)**
[72] BELLOWS, DAVID E., US
[72] O'HAIRE, MICHAEL., US
[72] SUBRAMANIAN, PANCHAPAKESAN V., US
[73] BELLOWS, DAVID E., ZZ
[73] O'HAIRE, MICHAEL., ZZ
[73] SUBRAMANIAN, PANCHAPAKESAN V., ZZ
[73] SYMBOL TECHNOLOGIES, LLC, US
[85] 2014-06-26
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[51] **Int.Cl. C11D 1/62 (2006.01) C11D 3/00 (2006.01) C11D 3/20 (2006.01)**
[25] EN
[54] **FABRIC SOFTENER ACTIVE COMPOSITION**
[54] **COMPOSITION ACTIVE D'ADOUCISSANT TEXTILE**
[72] PARRISH, DENNIS A, US
[72] HILDEBRAND, JENS, DE
[72] HISAMOTO, MIYAKO, US
[73] PARRISH, DENNIS A, ZZ
[73] HILDEBRAND, JENS, ZZ
[73] HISAMOTO, MIYAKO, ZZ
[73] EVONIK DEGUSSA GMBH, DE
[85] 2014-07-30
[86] 2013-01-30 (PCT/EP2013/051753)
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[51] **Int.Cl. A61B 17/68 (2006.01) A61B 17/80 (2006.01) A61F 2/42 (2006.01)**
[25] EN
[54] **POSTERIOR ANKLE FUSION PLATE**
[54] **PLAQUE DE FUSION DE CHEVILLE POSTERIEURE**
[72] O'KANE, TIMOTHY M., US
[72] PATEL, VINAY D., US
[72] MCCOMBS-STEARNES, MARY J., US
[72] HARNESS, DAVID, US
[73] O'KANE, TIMOTHY M., ZZ
[73] PATEL, VINAY D., ZZ
[73] MCCOMBS-STEARNES, MARY J., ZZ
[73] HARNESS, DAVID, ZZ
[73] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2014-09-09
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[54] **AN INFLATABLE CUSHION CELL WITH DIAGONAL SEAL STRUCTURE**
[54] **CELLULE DE COUSSIN GONFLABLE A STRUCTURE DE JOINT DIAGONALE**
[72] GOWDA, RAJ K., US
[73] KAP MEDICAL, US
[73] GOWDA, RAJ K., ZZ
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[87] (2864712)
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[25] EN
[54] **PULL ACTIVATED GREETING CARDS AND GIFT BAGS WITH MOTION AND AUDIO**
[54] **CARTES DE SOUHAITS ACTIVEES PAR TIRAGE ET SACS CADEAUX MOBILES ET SONORES**
[72] TALBOT, JOHN, US
[72] FLESHER, MELISSA, US
[72] LIUZZI, DAN, US
[72] HIGGENS, SEAN, US
[73] AMERICAN GREETINGS CORPORATION, US
[73] TALBOT, JOHN, ZZ
[73] FLESHER, MELISSA, ZZ
[73] LIUZZI, DAN, ZZ
[73] HIGGENS, SEAN, ZZ
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[25] EN
[54] **HINGED WIPER BLADE**
[54] **BALAI D'ESSUIE-GLACES ARTICULE**
[72] TOLENTINO, VAMBI RAYMUNDO, US
[72] PEERS, ROBERT PETER, US
[72] CHANGE, GEORGE, TW
[72] LO, SANDRA, TW
[73] PYLON MANUFACTURING CORP., US
[73] TOLENTINO, VAMBI RAYMUNDO, ZZ
[73] PEERS, ROBERT PETER, ZZ
[73] CHANGE, GEORGE, ZZ
[73] LO, SANDRA, ZZ
[85] 2014-08-21
[86] 2013-02-25 (PCT/US2013/027688)
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[25] FR
[54] **VINYLIDENE POLYFLUORIDE COMPOSITION**
[54] **COMPOSITION DE POLYFLUORURE DE VINYLIDENE**
[72] HOCHSTETTER, GILLES, FR
[72] HUGON, LIONEL, FR
[72] LABOUR, THOMAS, FR
[72] LANNUZEL, THIERRY, FR
[72] RAMFEL, BARBARA, FR
[72] AMIN-SANAYEI, RAMIN, US
[73] ARKEMA FRANCE, FR
[73] HOCHSTETTER, GILLES, ZZ
[73] HUGON, LIONEL, ZZ
[73] LABOUR, THOMAS, ZZ
[73] LANNUZEL, THIERRY, ZZ
[73] RAMFEL, BARBARA, ZZ
[73] AMIN-SANAYEI, RAMIN, ZZ
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[25] EN
[54] **ELECTRICAL DIAGNOSTIC TOOL**
[54] **OUTIL DE DIAGNOSTIC ELECTRIQUE**
[72] HARVEY, RICHARD, US
[72] TROXLER, JOHN E., US
[73] CARTER FUEL SYSTEMS, LLC, US
[73] HARVEY, RICHARD, ZZ
[73] TROXLER, JOHN E., ZZ
[85] 2014-08-26
[86] 2013-02-01 (PCT/US2013/024367)
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[54] **FLOW OF HYDRAULIC FLUID FROM ACCUMULATOR ASSEMBLY AND FROM PUMP ASSEMBLY TO ACTUATOR WHERE HIGHER FLOW IS REQUIRED**
[54] **FLUX DE FLUIDE HYDRAULIQUE A PARTIR D'UN ENSEMBLE ACCUMULATEUR ET D'UN ENSEMBLE POMPE A UN ACTIONNEUR DANS LE CAS OU UN PLUS GRAND FLUX EST REQUIS**
[72] SCHULTZ, GREGORY ALLAN, CA
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[73] SCHULTZ, GREGORY ALLAN, CA
[85] 2014-07-10
[86] 2013-02-06 (PCT/CA2013/050089)
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[30] US (61/598,030) 2012-02-13

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[51] **Int.Cl. H04W 4/02 (2009.01) H04W 88/02 (2009.01)**
[25] EN
[54] **DYNAMIC DUTY-CYCLING OF PROCESSOR OF MOBILE DEVICE BASED ON OPERATING CONDITION OF MOBILE DEVICE**
[54] **PROCEDE POUR L'EXECUTION D'UN CYCLE DE SERVICE DYNAMIQUE SUR LE PROCESSEUR D'UN DISPOSITIF MOBILE EN FONCTION DE LA CONDITION OPERATIONNELLE DU DISPOSITIF MOBILE**
[72] PAPAKIPOS, MATTHEW NICHOLAS, US
[72] PROCTOR, IAIN ANDREW RUSSELL, US
[73] FACEBOOK, INC., US
[73] PAPAKIPOS, MATTHEW NICHOLAS, ZZ
[73] PROCTOR, IAIN ANDREW RUSSELL, ZZ
[85] 2014-08-29
[86] 2013-03-05 (PCT/US2013/028961)
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[25] EN
[54] **REFRIGERATOR**
[54] **REFRIGERATEUR**
[72] LEE, JEE HOON, KR
[72] KIM, SUNG MO, KR
[72] OH, JONG HOON, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[73] LEE, JEE HOON, ZZ
[73] KIM, SUNG MO, ZZ
[73] OH, JONG HOON, ZZ
[85] 2014-09-08
[86] 2013-03-15 (PCT/KR2013/002110)
[87] (WO2013/137683)
[30] KR (10-2012-0027185) 2012-03-16

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[51] **Int.Cl. H01M 8/0273 (2016.01) H01M 8/241 (2016.01) H01M 8/2483 (2016.01) H01M 8/249 (2016.01)**
[25] EN
[54] **FUEL CELL STACK AND SEAL PLATE USED FOR THE SAME**
[54] **EMPILEMENT DE PILES A COMBUSTIBLE ET PLAQUE D'ETANCHEITE UTILISEE POUR CELUI-CI**
[72] NUMAO, YASUHIRO, JP
[72] KAGEYAMA, KAZUHIRO, JP
[73] NISSAN MOTOR CO., LTD., JP
[73] NUMAO, YASUHIRO, ZZ
[73] KAGEYAMA, KAZUHIRO, ZZ
[85] 2014-09-09
[86] 2013-03-07 (PCT/JP2013/001444)
[87] (WO2013/132860)
[30] JP (2012-053310) 2012-03-09
[30] JP (2012-275479) 2012-12-18

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[13] A1
[51] **Int.Cl. H04L 29/02 (2006.01) H04L 27/26 (2006.01) H04M 11/06 (2006.01)**
[25] EN
[54] **MULTICARRIER COMMUNICATION WITH VARIABLE OVERHEAD RATE**
[54] **COMMUNICATION A PORTEUSE MULTIPLE POUVANT S'EFFECTUER AVEC UN TAUX DE TRANSMISSION PAR LIGNE AERIENNE VARIABLE**
[72] TZANNES, MICHAEL, US
[72] TZANNES, MARCOS, US
[73] TQ DELTA, LLC, US
[73] TZANNES, MICHAEL, ZZ
[73] TZANNES, MARCOS, ZZ
[86] (2867539)
[87] (2867539)
[22] 1999-06-25
[62] 2,641,978
[30] US (60/090,891) 1998-06-26

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[51] **Int.Cl. H04M 11/04 (2006.01) H04M 1/02 (2006.01)**
[25] EN
[54] **PHONE**
[54] **TELEPHONE**
[72] HU, XIAOPING, CN
[72] SHEN, XIA, CN
[72] CHEN, LIHUA, CN
[73] BOLY MEDIA COMMUNICATIONS (SHENZHEN) CO., LTD., CN
[73] HU, XIAOPING, ZZ
[73] SHEN, XIA, ZZ
[73] CHEN, LIHUA, ZZ
[85] 2014-09-18
[86] 2013-02-01 (PCT/CN2013/071255)
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[30] CN (201210077733.6) 2012-03-22

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[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01) A61J 15/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR TREATING OBESITY BY EXTRACTING FOOD**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT DE L'OBESITE CONSISTANT A EXTRAIRE DES ALIMENTS**
[72] KLEIN, SAMUEL, US
[72] SOLOMON, STEPHEN B., US
[72] SHIKE, MOSHE, US
[72] KAMEN, DEAN, US
[72] AMBROGI, MIKE, US
[72] ALTOBELLI, DAVID E., US
[72] YEATON, ERIC, US
[73] ASPIRE BARIATRICS, INC., US
[73] KLEIN, SAMUEL, ZZ
[73] SOLOMON, STEPHEN B., ZZ
[73] SHIKE, MOSHE, ZZ
[73] KAMEN, DEAN, ZZ
[73] AMBROGI, MIKE, ZZ
[73] ALTOBELLI, DAVID E., ZZ
[73] YEATON, ERIC, ZZ
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[87] (2867814)
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[51] **Int.Cl. E21B 34/14 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **MULTI-INTERVAL WELLBORE TREATMENT METHOD**
[54] **PROCEDE DE TRAITEMENT DE PUITS DE FORAGE A INTERVALLES MULTIPLES**
[72] EAST, LOYD EDDIE, JR., US
[72] LINDSAY, SHARLENE DAWN, US
[72] GARDINER, NICHOLAS HUBERT, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] EAST, LOYD EDDIE, JR., ZZ
[73] LINDSAY, SHARLENE DAWN, ZZ
[73] GARDINER, NICHOLAS HUBERT, ZZ
[85] 2014-09-23
[86] 2013-03-13 (PCT/US2013/030784)
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[30] US (13/442,411) 2012-04-09

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[51] **Int.Cl. E02D 13/00 (2006.01)**
[25] EN
[54] **METHOD FOR HANDLING A HYDRO SOUND DAMPER AND DEVICE FOR REDUCING UNDERWATER SOUND**
[54] **PROCEDE DE MANIPULATION D'UN AMORTISSEUR DE SONS EMIS SOUS L'EAU ET DISPOSITIF POUR REDUIRE LES SONS DANS L'EAU**
[72] ELMER, KARL-HEINZ, DE
[73] ELMER, KARL-HEINZ, DE
[85] 2014-09-25
[86] 2013-03-13 (PCT/DE2013/100096)
[87] (WO2013/102459)
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[51] **Int.Cl. E21B 29/06 (2006.01) E21B 17/00 (2006.01)**
[25] EN
[54] **CASING WINDOW ASSEMBLY**
[54] **SYSTEME DE FENETRE D'ENCEINTE**
[72] STEELE, DAVID JOE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] STEELE, DAVID JOE, ZZ
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[51] **Int.Cl. E21B 33/038 (2006.01)**
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[54] **MISALIGNMENT-TOLERANT WELLSITE CONNECTION ASSEMBLY, SYSTEM, AND METHOD**
[54] **ENSEMBLE, SYSTEME ET PROCEDE DE RACCORDEMENT DE SITE DE FORAGE TOLERANT UN MAUVAIS ALIGNEMENT**
[72] MILLER, TRAVIS JAMES, US
[72] GREBING, KENT ALLEN, US
[72] POLLARD, MICHAEL EDWIN, US
[72] SPRINGETT, FRANK B., US
[73] NATIONAL OILWELL VARCO, L.P., US
[73] MILLER, TRAVIS JAMES, ZZ
[73] GREBING, KENT ALLEN, ZZ
[73] POLLARD, MICHAEL EDWIN, ZZ
[73] SPRINGETT, FRANK B., ZZ
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[25] EN
[54] **REFRACTIVE-DIFFRACTIVE SWITCHABLE OPTICAL ELEMENT**
[54] **ELEMENT OPTIQUE COMMUTABLE REFRACTANT-DIFFRACTANT**
[72] PORTNEY, VALDEMAR, US
[73] PORTNEY, VALDEMAR, US
[85] 2014-10-07
[86] 2012-09-26 (PCT/US2012/057253)
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[54] **PLASTIC WORKING METHOD OF METALS AND PLASTIC WORKING APPARATUS**
[54] **PROCEDE DE FACONNAGE PLASTIQUE ET DISPOSITIF DE FACONNAGE PLASTIQUE POUR MATERIAU METALLIQUE**
[72] SATO, KOICHI, JP
[72] KUBO, MASAHIRO, JP
[72] MIZUMURA, MASAAKI, JP
[72] YOSHIDA, TOHRU, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[73] SATO, KOICHI, ZZ
[73] KUBO, MASAHIRO, ZZ
[73] MIZUMURA, MASAAKI, ZZ
[73] YOSHIDA, TOHRU, ZZ
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[54] **LOW BAND GAP CONJUGATED POLYMERIC COMPOSITIONS AND APPLICATIONS THEREOF**
[54] **COMPOSITIONS POLYMERES CONJUGUEES A FAIBLE LARGEUR DE BANDE INTERDITE ET LEURS APPLICATIONS**
[72] LEVI, NICOLE, US
[72] CARROLL, DAVID L., US
[72] MACNEILL, CHRISTOPHER, US
[72] GRAHAM, ELIZABETH, US
[73] WAKE FOREST UNIVERSITY, US
[73] LEVI, NICOLE, ZZ
[73] CARROLL, DAVID L., ZZ
[73] MACNEILL, CHRISTOPHER, ZZ
[73] GRAHAM, ELIZABETH, ZZ
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[25] EN
[54] **REMOVABLE LOCALIZING WIRE**
[54] **FIL LOCALISATEUR AMOVIBLE**
[72] FIELD, STEVEN E., US
[72] MULDER, BRIAN R., US
[73] BARD PERIPHERAL VASCULAR, INC., US
[73] FIELD, STEVEN E., ZZ
[73] MULDER, BRIAN R., ZZ
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[25] EN
[54] **AIRCRAFT FUEL SUPPLY SYSTEMS**
[54] **SYSTEMES D'ALIMENTATION EN COMBUSTIBLE D'UN AERONEF**
[72] WOOD, JOHN HENRY, GB
[73] EATON LIMITED, GB
[73] WOOD, JOHN HENRY, ZZ
[85] 2014-10-15
[86] 2013-04-18 (PCT/IB2013/002579)
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[25] EN
[54] **PULL THROUGH CENTRALIZER**
[54] **CENTREUR ENTRAINE PAR TRACTION**
[72] LEVIE, WILLIAM IAIN ELDER, US
[72] ROGER, GREGORY PAUL, US
[72] SWEEP, MILES NORMAN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] LEVIE, WILLIAM IAIN ELDER, ZZ
[73] ROGER, GREGORY PAUL, ZZ
[73] SWEEP, MILES NORMAN, ZZ
[73] CHEVRON U.S.A., INC., US
[85] 2014-10-24
[86] 2013-05-08 (PCT/US2013/040141)
[87] (WO2013/184276)
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[25] EN
[54] **PULL THROUGH CENTRALIZER**
[54] **CENTREUR ENTRAINE PAR TRACTION**
[72] LEVIE, WILLIAM IAIN ELDER, US
[72] ROGER, GREGORY PAUL, US
[72] SWEEP, MILES NORMAN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] LEVIE, WILLIAM IAIN ELDER, ZZ
[73] ROGER, GREGORY PAUL, ZZ
[73] SWEEP, MILES NORMAN, ZZ
[73] CHEVRON U.S.A., INC., US
[85] 2014-10-27
[86] 2013-05-08 (PCT/US2013/040145)
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[25] EN
[54] **APPARATUS FOR POSITIONING ANCHOR BOLTS**
[54] **APPAREIL DE POSITIONNEMENT DE BOULONS D'ANCRAGE**
[72] OZUM, ARDA, CA
[73] 1834032 ALBERTA INC., CA
[73] OZUM, ARDA, CA
[86] (2872981)
[87] (2872981)
[22] 2014-12-02
[30] US (14/555,972) 2014-11-28

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[51] **Int.Cl. F41B 3/02 (2006.01)**
[25] EN
[54] **TOY LAUNCHER WITH SAFETY PROJECTILES**
[54] **LANCEUR DE JOUET AVEC PROJECTILES DE SECURITE**
[72] WALTERSCHEID, STEVE, US
[73] KMA CONCEPTS LIMITED, HK
[73] WALTERSCHEID, STEVE, ZZ
[85] 2014-11-19
[86] 2013-04-30 (PCT/IB2013/001169)
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[30] US (13/773,615) 2013-02-21

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[51] **Int.Cl. H04W 76/02 (2009.01) H04W 8/22 (2009.01) H04W 12/06 (2009.01) H04W 12/08 (2009.01) H04W 76/06 (2009.01) H04W 84/18 (2009.01)**
[25] EN
[54] **COMMUNICATION SESSION TRANSFER BETWEEN DEVICES**
[54] **TRANSFERT DE SESSION DE COMMUNICATION ENTRE DES DISPOSITIFS**
[72] MCDONOUGH, JOHN C., US
[72] STERN, HADLEY RUPERT, US
[73] FMR LLC, US
[73] MCDONOUGH, JOHN C., ZZ
[73] STERN, HADLEY RUPERT, ZZ
[85] 2014-11-20
[86] 2013-04-30 (PCT/US2013/038859)
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[25] EN
[54] **HERMETIC RECIPROCATING COMPRESSOR**
[54] **COMPRESSEUR ALTERNATIF HERMETIQUE**
[72] KIM, JUNG HYOUN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[73] KIM, JUNG HYOUN, ZZ
[85] 2014-11-13
[86] 2013-05-02 (PCT/KR2013/003819)
[87] (WO2013/172578)
[30] KR (10-2012-0051306) 2012-05-15

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[13] A1
[51] **Int.Cl. B65B 39/00 (2006.01) B65B 25/00 (2006.01)**
[25] EN
[54] **ARTICLE DISPENSING**
[54] **DISTRIBUTION D'ARTICLES**
[72] BRUG, MARK, US
[72] KAMAS, BRIAN D., US
[72] KERKESLAGER, JASON, US
[73] MULTISORB TECHNOLOGIES, INC., US
[73] BRUG, MARK, ZZ
[73] KAMAS, BRIAN D., ZZ
[73] KERKESLAGER, JASON, ZZ
[85] 2014-11-26
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[87] (WO2013/181106)
[30] US (13/483,787) 2012-05-30
[30] US (13/764,699) 2013-02-11

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[51] **Int.Cl. H04N 21/235 (2011.01) H04N 21/43 (2011.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PROCESSING AN INTERACTIVE SERVICE**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT D'UN SERVICE INTERACTIF**
[72] OH, SEJIN, KR
[72] PARK, BYUNGSUN, KR
[72] MOON, KYOUNGSOO, KR
[72] THOMAS, GOMER, US
[72] AN, SEUNGJOO, KR
[72] LEE, JINWON, KR
[72] KIM, JINPIL, KR
[72] KIM, KYUNGHO, KR
[72] JI, AETTIE, KR
[73] LG ELECTRONICS INC., KR
[73] OH, SEJIN, ZZ
[73] PARK, BYUNGSUN, ZZ
[73] MOON, KYOUNGSOO, ZZ
[73] THOMAS, GOMER, ZZ
[73] AN, SEUNGJOO, ZZ
[73] LEE, JINWON, ZZ
[73] KIM, JINPIL, ZZ
[73] KIM, KYUNGHO, ZZ
[73] JI, AETTIE, ZZ
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[86] 2013-06-24 (PCT/KR2013/005561)
[87] (WO2014/003394)
[30] US (61/664,150) 2012-06-25
[30] US (61/668,442) 2012-07-05
[30] US (61/680,279) 2012-08-07
[30] US (61/684,120) 2012-08-16
[30] US (61/767,260) 2013-02-21

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[13] A1
[51] **Int.Cl. H04N 21/472 (2011.01) H04N 21/45 (2011.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PROCESSING AN INTERACTIVE SERVICE**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT D'UN SERVICE INTERACTIF**
[72] OH, SEJIN, KR
[72] KIM, JINPIL, KR
[72] AN, SEUNGJOO, KR
[72] LEE, JINWON, KR
[72] KIM, KYUNGHO, KR
[72] MOON, KYOUNGSOO, KR
[73] LG ELECTRONICS INC., KR
[73] OH, SEJIN, ZZ
[73] KIM, JINPIL, ZZ
[73] AN, SEUNGJOO, ZZ
[73] LEE, JINWON, ZZ
[73] KIM, KYUNGHO, ZZ
[73] MOON, KYOUNGSOO, ZZ
[85] 2014-12-02
[86] 2013-08-21 (PCT/KR2013/007496)
[87] (WO2014/030924)
[30] US (61/691,805) 2012-08-22
[30] US (61/703,749) 2012-09-20

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[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/02 (2006.01) B01D 53/52 (2006.01) C10G 5/00 (2006.01) C10L 3/00 (2006.01)**
[25] EN
[54] **PROCESS FOR RECOVERING HYDROCARBONS FROM CRUDE CARBON DIOXIDE FLUID**
[54] **PROCEDE DE RECUPERATION DES HYDROCARBURES A PARTIR DE LIQUIDE DE DIOXYDE DE CARBONE BRUT**
[72] HIGGINBOTHAM, PAUL, GB
[72] LIU, YANG, US
[72] PALAMARA, JOHN EUGENE, US
[72] WHITE, VINCENT, GB
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[73] HIGGINBOTHAM, PAUL, ZZ
[73] LIU, YANG, ZZ
[73] PALAMARA, JOHN EUGENE, ZZ
[73] WHITE, VINCENT, ZZ
[86] (2875580)
[87] (2875580)
[22] 2014-12-23
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[51] **Int.Cl. A41D 13/05 (2006.01) A61F 13/12 (2006.01) A63B 71/10 (2006.01) F41H 1/00 (2006.01) G01L 5/06 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES TO REDUCE DAMAGING EFFECTS OF CONCUSSIVE OR BLAST FORCES ON A SUBJECT**
[54] **PROCEDES ET DISPOSITIFS POUR REDUIRE LES EFFETS PREJUDICIABLES DE FORCES DE COMMOTION OU D'EXPLOSION SUR UN SUJET**
[72] SMITH, DAVID, US
[73] TBI INNOVATIONS, LLC, US
[73] SMITH, DAVID, ZZ
[85] 2014-12-05
[86] 2012-06-06 (PCT/US2012/040985)
[87] (WO2013/055409)
[30] US (PCT/US2011/055783) 2011-10-11

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[51] **Int.Cl. B01D 11/04 (2006.01) C22B 3/02 (2006.01) C22B 3/26 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING A SOLVENT EXTRACTION SETTLER AND SOLVENT EXTRACTION SETTLER**
[54] **PROCEDE DE FABRICATION D'UN DECANTEUR D'EXTRACTION DE SOLVANT ET DECANTEUR D'EXTRACTION DE SOLVANT**
[72] VAARNO, JUSSI, FI
[72] SAARIO, RAMI, FI
[72] FREDRIKSSON, HENRI, FI
[72] PAJALA, JUSSI, FI
[73] OUTOTEC (FINLAND) OY, FI
[73] VAARNO, JUSSI, ZZ
[73] SAARIO, RAMI, ZZ
[73] FREDRIKSSON, HENRI, ZZ
[73] PAJALA, JUSSI, ZZ
[85] 2014-12-05
[86] 2013-06-12 (PCT/FI2013/050645)
[87] (WO2014/001625)
[30] FI (20125713) 2012-06-26

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[51] **Int.Cl. B29C 45/17 (2006.01)**
[25] EN
[54] **SIDE ACTUATED SHOOTING POT**
[54] **POT D'INJECTION ACTIONNE PAR LE COTE**
[72] BELZILE, MANON DANIELLE, US
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[73] BELZILE, MANON DANIELLE, ZZ
[85] 2014-12-10
[86] 2013-06-17 (PCT/US2013/046057)
[87] (WO2013/192060)
[30] US (61/662,601) 2012-06-21

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[13] A1
[51] **Int.Cl. C25C 3/12 (2006.01)**
[25] EN
[54] **INERT ALLOY ANODE FOR ALUMINUM ELECTROLYSIS AND PREPARING METHOD THEREOF**
[54] **ANODE EN ALLIAGE INERTE UTILISEE POUR L'ELECTROLYSE D'ALUMINIUM ET PROCEDE DE PREPARATION ASSOCIE**
[72] SUN, SONGTAO, CN
[72] FANG, YULIN, CN
[73] INNER MONGOLIA UNITED INDUSTRIAL CO., LTD., CN
[73] SUN, SONGTAO, ZZ
[73] FANG, YULIN, ZZ
[85] 2014-12-11
[86] 2013-05-30 (PCT/CN2013/076441)
[87] (WO2013/185539)
[30] CN (201210188424.6) 2012-06-11
[30] CN (201310024019.5) 2013-01-23

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[51] **Int.Cl. C25C 3/18 (2006.01)**
[25] EN
[54] **ELECTROLYTE FOR ALUMINUM ELECTROLYSIS AND ELECTROLYSIS PROCESS USING ELECTROLYTE**
[54] **ELECTROLYTE UTILISE POUR ELECTROLYSE D'ALUMINIUM ET PROCEDE D'ELECTROLYSE UTILISANT L'ELECTROLYTE**
[72] SUN, SONGTAO, CN
[72] FANG, YULIN, CN
[73] INNER MONGOLIA UNITED INDUSTRIAL CO., LTD., CN
[73] SUN, SONGTAO, ZZ
[73] FANG, YULIN, ZZ
[85] 2014-12-11
[86] 2013-05-30 (PCT/CN2013/076442)
[87] (WO2013/185540)
[30] CN (201210188422.7) 2012-06-11
[30] CN (201310024018.0) 2013-01-23

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[51] **Int.Cl. E21B 25/04 (2006.01)**
[25] EN
[54] **DRIVEN LATCH MECHANISM**
[54] **MECANISME DE VERROUILLAGE ENTRAINE**
[72] DRENTH, CHRISTOPHER L., US
[72] IONDOV, GEORGE, CA
[72] IBRAHIM, GEORGE, CA
[73] LONGYEAR TM, INC., US
[73] DRENTH, CHRISTOPHER L., US
[73] IONDOV, GEORGE, CA
[73] IBRAHIM, GEORGE, CA
[86] (2876377)
[87] (2876377)
[22] 2010-10-07
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[30] US (61/249,544) 2009-10-07
[30] US (61/287,106) 2009-12-16
[30] US (12/898,878) 2010-10-06

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[51] **Int.Cl. H04B 1/69 (2011.01) H04L 27/00 (2006.01)**
[25] EN
[54] **METHOD FOR SPREADING A PLURALITY OF DATA SYMBOLS ONTO SUBCARRIERS OF A CARRIER SIGNAL**
[54] **PROCEDE DE PROPAGATION D'UNE PLURALITE DE SYMBOLES DE DONNEES SUR DES SOUS-PORTEUSES D'UN SIGNAL PORTEUR**
[72] KEUSGEN, WILHELM, DE
[72] PETER, MICHAEL, DE
[72] KORTKE, ANDREAS, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[73] KEUSGEN, WILHELM, ZZ
[73] PETER, MICHAEL, ZZ
[73] KORTKE, ANDREAS, ZZ
[85] 2014-12-12
[86] 2013-06-14 (PCT/EP2013/062378)
[87] (WO2013/186361)
[30] EP (12172207.8) 2012-06-15

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[13] A1
[51] **Int.Cl. F41B 5/00 (2006.01) F41B 7/00 (2006.01)**
[25] EN
[54] **PROJECTILE LAUNCHER**
[54] **LANCEUR DE PROJECTILE**
[72] PRIOR, MICHAEL, US
[73] PRIOR, MICHAEL, US
[86] (2876726)
[87] (2876726)
[22] 2015-01-05
[30] US (14/165,544) 2014-01-27

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[13] A1
[51] **Int.Cl. F16F 15/04 (2006.01) B64C 27/12 (2006.01) B64D 35/00 (2006.01) F16F 7/00 (2006.01)**
[25] FR
[54] **SHOCK ABSORBING DEVICE FOR A SUPERCRITICAL DRIVE SHAFT**
[54] **DISPOSITIF D'AMORTISSEMENT POUR UN ARBRE DE TRANSMISSION SUPERCRITIQUE**
[72] NEVERS, ROMAIN, FR
[72] AUBERTIN, LUDOVIC, FR
[72] MARCHAND, FRANCOIS, FR
[73] AIRBUS HELICOPTERS, FR
[73] NEVERS, ROMAIN, ZZ
[73] AUBERTIN, LUDOVIC, ZZ
[73] MARCHAND, FRANCOIS, ZZ
[86] (2876809)
[87] (2876809)
[22] 2014-12-24

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[13] A1
[51] **Int.Cl. B64D 37/06 (2006.01) B64C 1/00 (2006.01) B64C 27/04 (2006.01) B64D 37/04 (2006.01) B65D 88/24 (2006.01) B65D 90/20 (2006.01) F16B 1/00 (2006.01) F16G 11/12 (2006.01)**
[25] FR
[54] **FASTENING DEVICE FOR A FLEXIBLE RESERVOIR IN A COMPARTMENT**
[54] **DISPOSITIF DE FIXATION D'UN RESERVOIR SOUPLE DANS UN COMPARTIMENT**
[72] BORNES, SYLVAIN, FR
[73] AIRBUS HELICOPTERS, FR
[73] BORNES, SYLVAIN, ZZ
[86] (2876858)
[87] (2876858)
[22] 2014-12-24

[11] **2,876,925**
[13] A1
[51] **Int.Cl. G02B 6/28 (2006.01) H04B 10/25 (2013.01) G02B 6/36 (2006.01)**
[25] EN
[54] **PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE**
[54] **GESTION DE COUCHE PHYSIQUE D'UN MODULE OPTIQUE ACTIF**
[72] COFFEY, JOSEPH C., US
[72] PATEL, KAMLESH G., US
[72] RESSLER, KEVIN GLENN, US
[72] COBURN, HUTCH, US
[73] ADC TELECOMMUNICATIONS, INC., US
[73] COFFEY, JOSEPH C., ZZ
[73] PATEL, KAMLESH G., ZZ
[73] RESSLER, KEVIN GLENN, ZZ
[73] COBURN, HUTCH, ZZ
[85] 2014-12-15
[86] 2013-06-25 (PCT/US2013/047462)
[87] (WO2014/004421)
[30] US (61/663,907) 2012-06-25

[11] **2,877,080**
[13] A1
[51] **Int.Cl. E21B 47/18 (2012.01)**
[25] EN
[54] **DOWNHOLE APPARATUS AND METHOD FOR GENERATING A FLUID PRESSURE PULSE DOWNHOLE**
[54] **APPAREIL DE FOND DE TROU ET METHODE DE FRODUCTION D'UN FOND DE TROU AU MOYEN D'IMPULSION DE PRESSION DE LIQUIDE**
[72] BROWN-KERR, WILLIAM, GB
[72] MCGARIAN, BRUCE HERMANN FORSYTH, GB
[73] HALLIBURTON MANUFACTURING AND SERVICES LIMITED, GB
[73] BROWN-KERR, WILLIAM, ZZ
[73] MCGARIAN, BRUCE HERMANN FORSYTH, ZZ
[85] 2014-12-17
[86] 2013-07-18 (PCT/GB2013/051919)
[87] (WO2014/013256)
[30] GB (1212849.2) 2012-07-19

[11] **2,878,068**
[13] A1
[51] **Int.Cl. G06Q 50/30 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **CUSTOMIZING CONTENT DELIVERY FROM A BRAND PAGE TO A USER IN A SOCIAL NETWORKING ENVIRONMENT**
[54] **PERSONNALISATION DE REMISE DE CONTENU ISSU D'UNE PAGE DE MARQUE, A DESTINATION D'UN UTILISATEUR DANS UN ENVIRONNEMENT DE RESEAU SOCIAL**
[72] GARCIA-MARTINEZ, ANTONIO FELIPE, US
[72] MATHUR, NIPUN, US
[73] FACEBOOK, INC., US
[73] GARCIA-MARTINEZ, ANTONIO FELIPE, ZZ
[73] MATHUR, NIPUN, ZZ
[85] 2014-12-24
[86] 2013-07-18 (PCT/US2013/051012)
[87] (WO2014/015106)
[30] US (61/632,428) 2012-07-19
[30] US (13/627,857) 2012-09-26

[11] **2,878,385**
[13] A1
[51] **Int.Cl. G02B 26/08 (2006.01) G02B 6/12 (2006.01) G02B 6/122 (2006.01)**
[25] EN
[54] **OPTICAL SWITCH**
[54] **COMMUTATEUR OPTIQUE**
[72] SUZUKI, KENYA, JP
[72] ISHII, YUZO, JP
[72] HADAMA, KOICHI, JP
[72] SENO, KAZUNORI, JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[73] SUZUKI, KENYA, ZZ
[73] ISHII, YUZO, ZZ
[73] HADAMA, KOICHI, ZZ
[73] SENO, KAZUNORI, ZZ
[85] 2015-01-05
[86] 2013-08-30 (PCT/JP2013/005154)
[87] (WO2014/034142)
[30] JP (2012-190405) 2012-08-30
[30] JP (2012-268664) 2012-12-07

[11] 2,878,688
[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 34/14 (2006.01)**
[25] EN
[54] **WELLBORE SERVICING ASSEMBLIES AND METHODS OF USING THE SAME**
[54] **ENSEMBLES D'ENTRETIEN DE TROU DE FORAGE ET LEURS PROCEDES D'UTILISATION**
[72] PATTERSON, ROBERT BRICE, US
[72] ABLES, WILLIAM COLT, US
[72] GILES, JON JACOB, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] PATTERSON, ROBERT BRICE, ZZ
[73] ABLES, WILLIAM COLT, ZZ
[73] GILES, JON JACOB, ZZ
[85] 2015-01-08
[86] 2013-06-17 (PCT/US2013/046127)
[87] (WO2014/011361)
[30] US (13/544,750) 2012-07-09

[11] 2,879,295
[13] A1
[51] **Int.Cl. B60T 8/17 (2006.01) B60T 17/18 (2006.01)**
[25] EN
[54] **VEHICLE BRAKE FORCE GENERATION DEVICE**
[54] **DISPOSITIF DE GENERATION DE FORCE DE FREINAGE POUR VEHICULE**
[72] AKAMINE, KOHEI, JP
[72] UENO, MASAYUKI, JP
[73] HONDA MOTOR CO. LTD., JP
[73] AKAMINE, KOHEI, ZZ
[73] UENO, MASAYUKI, ZZ
[85] 2015-01-15
[86] 2013-07-16 (PCT/JP2013/069313)
[87] (WO2014/013991)
[30] JP (2012-161010) 2012-07-19

[11] 2,879,612
[13] A1
[51] **Int.Cl. E21B 17/10 (2006.01)**
[25] EN
[54] **AXIS MAINTENANCE APPARATUS, SYSTEMS, AND METHODS**
[54] **APPAREIL, SYSTEMES ET PROCEDES DE MAINTIEN D'AXE**
[72] CHANG, CHUNG, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] CHANG, CHUNG, ZZ
[85] 2015-01-20
[86] 2012-07-26 (PCT/US2012/048310)
[87] (WO2014/018040)

[11] 2,879,613
[13] A1
[51] **Int.Cl. C10G 9/16 (2006.01) C10G 75/00 (2006.01)**
[25] EN
[54] **COKE CATCHER**
[54] **PIEGE A COKE**
[72] DE HAAN, STEPHEN, US
[72] TAM, PETER KIN-LEE, US
[73] DE HAAN, STEPHEN, ZZ
[73] TAM, PETER KIN-LEE, ZZ
[73] LUMMUS TECHNOLOGY INC., US
[85] 2015-01-19
[86] 2013-07-11 (PCT/US2013/050013)
[87] (WO2014/014731)
[30] US (13/554,460) 2012-07-20

[11] 2,879,948
[13] A1
[51] **Int.Cl. A23L 33/18 (2016.01) A23K 20/147 (2016.01) A23K 20/189 (2016.01) A23J 1/20 (2006.01) A23J 3/30 (2006.01) A23L 2/66 (2006.01) A61K 38/44 (2006.01) A61K 38/46 (2006.01) A61P 19/08 (2006.01) C12N 9/02 (2006.01) C12N 9/22 (2006.01)**
[25] EN
[54] **NOVEL PROTEIN MATERIAL**
[54] **NOUVELLE SUBSTANCE PROTEIQUE**
[72] OHMACHI, AIKO, JP
[72] MATSUYAMA, HIROAKI, JP
[72] MORITA, YOSHIKAZU, JP
[72] ISHIDA, YUKO, JP
[72] NARA, TAKAYUKI, JP
[72] KATO, KEN, JP
[72] SERIZAWA, ATSUSHI, JP
[73] MEGMILK SNOW BRAND CO., LTD., JP
[73] OHMACHI, AIKO, ZZ
[73] MATSUYAMA, HIROAKI, ZZ
[73] MORITA, YOSHIKAZU, ZZ
[73] ISHIDA, YUKO, ZZ
[73] NARA, TAKAYUKI, ZZ
[73] KATO, KEN, ZZ
[73] SERIZAWA, ATSUSHI, ZZ
[85] 2015-01-23
[86] 2012-07-31 (PCT/JP2012/069392)
[87] (WO2014/020676)

[11] **2,879,959**
[13] A1
[51] **Int.Cl. A23L 33/18 (2016.01) A23K 20/147 (2016.01) A23K 20/189 (2016.01) A23J 1/20 (2006.01) A23J 3/30 (2006.01) A23L 2/66 (2006.01) A61K 38/44 (2006.01) A61K 38/46 (2006.01) A61P 19/08 (2006.01) C07K 14/81 (2006.01) C12N 9/22 (2006.01)**
[25] EN
[54] **NOVEL PROTEIN MATERIAL**
[54] **NOUVELLE SUBSTANCE PROTEIQUE**
[72] OHMACHI, AIKO, JP
[72] MATSUYAMA, HIROAKI, JP
[72] MORITA, YOSHIKAZU, JP
[72] ISHIDA, YUKO, JP
[72] NARA, TAKAYUKI, JP
[72] KATO, KEN, JP
[72] SERIZAWA, ATSUSHI, JP
[73] MEGMILK SNOW BRAND CO., LTD., JP
[73] OHMACHI, AIKO, ZZ
[73] MATSUYAMA, HIROAKI, ZZ
[73] MORITA, YOSHIKAZU, ZZ
[73] ISHIDA, YUKO, ZZ
[73] NARA, TAKAYUKI, ZZ
[73] KATO, KEN, ZZ
[73] SERIZAWA, ATSUSHI, ZZ
[85] 2015-01-23
[86] 2012-07-31 (PCT/JP2012/069391)
[87] (WO2014/020675)

[11] **2,880,063**
[13] A1
[51] **Int.Cl. C21D 8/04 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/14 (2006.01) C22C 38/18 (2006.01)**
[25] EN
[54] **A PROCESS FOR PRODUCING HOT-ROLLED STEEL STRIP AND A STEEL STRIP PRODUCED THEREWITH**
[54] **PROCEDE PERMETTANT DE PRODUIRE UNE BANDE D'ACIER LAMINEE A CHAUD, ET BANDE D'ACIER AINSI PRODUITE**
[72] HANLON, DAVID NEAL, NL
[72] KOP, THEO ARNOLD, NL
[72] VAN BOHEMEN, STEFANUS MATHEUS CORNELIS, NL
[73] TATA STEEL IJMUIDEN B.V., NL
[73] HANLON, DAVID NEAL, ZZ
[73] KOP, THEO ARNOLD, ZZ
[73] VAN BOHEMEN, STEFANUS MATHEUS CORNELIS, ZZ
[85] 2015-01-23
[86] 2013-07-15 (PCT/EP2013/064938)
[87] (WO2014/019844)
[30] EP (12179148.7) 2012-08-03

[11] **2,880,177**
[13] A1
[51] **Int.Cl. F03D 1/06 (2006.01) F03B 3/04 (2006.01) F03B 3/12 (2006.01)**
[25] EN
[54] **A ROTOR WITH A LEADING EDGE PROTRUSION**
[54] **UN ROTOR DOTE D'UNE SAILLIE DE BORD D'ATTAQUE**
[72] LIU, HAO, JP
[72] FUJII, TAKEO, JP
[73] TERAL INC., JP
[73] LIU, HAO, ZZ
[73] FUJII, TAKEO, ZZ
[85] 2015-01-26
[86] 2014-05-28 (PCT/JP2014/002824)
[87] (WO2014/192297)
[30] JP (2013-112137) 2013-05-28

[11] **2,880,614**
[13] A1
[51] **Int.Cl. A61G 7/08 (2006.01)**
[25] EN
[54] **SYSTEM FOR PROPELLING HOSPITAL BED**
[54] **SYSTEME PERMETTANT DE FAIRE AVANCER UN LIT D'HOPITAL**
[72] JORDAN, MICHAL, CZ
[72] HARTMAN, MAREK, CZ
[72] SULC, PAVEL, SE
[73] LINET SPOL. S R.O., CZ
[73] JORDAN, MICHAL, ZZ
[73] HARTMAN, MAREK, ZZ
[73] SULC, PAVEL, ZZ
[85] 2015-01-29
[86] 2013-08-28 (PCT/CZ2013/000101)
[87] (WO2014/032634)
[30] CZ (PV 2012-587) 2012-08-29

[11] **2,881,444**
[13] A1
[51] **Int.Cl. B65G 69/34 (2006.01)**
[25] EN
[54] **VEHICLE RESTRAINTS WITH ACTIVATED CATCHES**
[54] **DISPOSITIFS DE RETENUE POUR VEHICULE DOTES DE LOQUETS ACTIVES**
[72] LESSARD, KURT, US
[72] COTTON, TIMOTHY, US
[72] BROOKS, ANDREW, US
[73] RITE-HITE HOLDING CORPORATION, US
[73] LESSARD, KURT, ZZ
[73] COTTON, TIMOTHY, ZZ
[73] BROOKS, ANDREW, ZZ
[86] (2881444)
[87] (2881444)
[22] 2015-02-06
[30] US (14/174,583) 2014-02-06

[11] **2,881,458**
[13] A1
[51] **Int.Cl. B64C 1/06 (2006.01) B32B 38/00 (2006.01) B29C 63/48 (2006.01)**
[25] EN
[54] **HIGH-QUALITY FLAME-RETARDANT DECORATIVE FINISH FOR INTERIOR PANELS**
[54] **FINI DECORATIF IGNIFUGE DE QUALITE ELEVEE POUR PANNEAUX INTERIEURS**
[72] WILDE, JOHN CHRISTOPHER, US
[72] BENHAM, GARY D., US
[73] THE BOEING COMPANY, US
[73] WILDE, JOHN CHRISTOPHER, ZZ
[73] BENHAM, GARY D., ZZ
[85] 2015-02-06
[86] 2013-09-04 (PCT/US2013/057958)
[87] (WO2014/065946)
[30] US (13/662,526) 2012-10-28

[11] **2,882,065**
[13] A1
[51] **Int.Cl. B65G 57/08 (2006.01) B21B 39/00 (2006.01) B65G 57/081 (2006.01) B65G 57/18 (2006.01)**
[25] EN
[54] **AUTOMATED PACKAGING LINE FOR C- AND U-SHAPED PROFILES**
[54] **PARCOURS D'EMBALLAGE AUTOMATISE POUR PROFILS EN C ET EN U**
[72] BARONE, MARIO RICARDO, AR
[72] ANSOAIN, FRANCISCO, AR
[72] NOVILLO, ANDRES, AR
[73] THE BRADBURY COMPANY, INC., US
[73] BARONE, MARIO RICARDO, ZZ
[73] ANSOAIN, FRANCISCO, ZZ
[73] NOVILLO, ANDRES, ZZ
[86] (2882065)
[87] (2882065)
[22] 2015-02-11
[30] AR (P140102089) 2014-05-27

[11] **2,883,646**
[13] A1
[51] **Int.Cl. B29C 70/44 (2006.01) B29C 33/38 (2006.01)**
[25] EN
[54] **COMPOSITE TOOL HAVING VACUUM INTEGRITY AND METHOD OF MAKING THE SAME**
[54] **OUTIL COMPOSITE A INTEGRITE DE VIDE ET SON PROCEDE DE FABRICATION**
[72] THOMAS, CHARLES WILLIAM, US
[73] THE BOEING COMPANY, US
[73] THOMAS, CHARLES WILLIAM, ZZ
[85] 2015-03-02
[86] 2013-09-19 (PCT/US2013/060527)
[87] (WO2014/070326)
[30] US (13/665,048) 2012-10-31

[11] **2,884,145**
[13] A1
[51] **Int.Cl. A61C 17/02 (2006.01) A61C 1/06 (2006.01) A61M 3/00 (2006.01)**
[25] EN
[54] **ELECTRICAL DISCHARGE IRRIGATOR APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE D'IRRIGATEUR DE DECHARGE ELECTRIQUE**
[72] FREGOSO, GILBERT, US
[72] HECKERMAN, BRAD B., US
[73] AMERICAN EAGLE INSTRUMENTS, INC., US
[73] FREGOSO, GILBERT, ZZ
[73] HECKERMAN, BRAD B., ZZ
[85] 2015-03-05
[86] 2012-12-17 (PCT/US2012/070080)
[87] (WO2014/042665)
[30] US (61/699,568) 2012-09-11

[11] **2,884,486**
[13] A1
[51] **Int.Cl. G06T 9/00 (2006.01) H04N 19/14 (2014.01) H04N 19/159 (2014.01) H04N 19/186 (2014.01) H04N 19/91 (2014.01)**
[25] EN
[54] **DETERMINING INTRA PREDICTION MODE OF IMAGE CODING UNIT AND IMAGE DECODING UNIT**
[54] **DETERMINATION D'UN MODE DE PREDICTION INTRA D'UNE UNITE DE CODAGE D'IMAGE ET D'UNE UNITE DE DECODAGE D'IMAGE**
[72] MIN, JUNG-HYE, KR
[72] ALSHINA, ELENA, KR
[72] HAN, WOO-JIN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[73] MIN, JUNG-HYE, ZZ
[73] ALSHINA, ELENA, ZZ
[73] HAN, WOO-JIN, ZZ
[86] (2884486)
[87] (2884486)
[22] 2011-04-05
[62] 2,795,475
[30] KR (10-2010-0031145) 2010-04-05

[11] **2,884,540**
[13] A1
[51] **Int.Cl. G06T 9/00 (2006.01) H04N 19/14 (2014.01) H04N 19/159 (2014.01) H04N 19/186 (2014.01) H04N 19/91 (2014.01)**
[25] EN
[54] **DETERMINING INTRA PREDICTION MODE OF IMAGE CODING UNIT AND IMAGE DECODING UNIT**
[54] **DETERMINATION D'UN MODE DE PREDICTION INTRA D'UNE UNITE DE CODAGE D'IMAGE ET D'UNE UNITE DE DECODAGE D'IMAGE**
[72] MIN, JUNG-HYE, KR
[72] ALSHINA, ELENA, KR
[72] HAN, WOO-JIN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[73] MIN, JUNG-HYE, ZZ
[73] ALSHINA, ELENA, ZZ
[73] HAN, WOO-JIN, ZZ
[86] (2884540)
[87] (2884540)
[22] 2011-04-05
[62] 2,795,475
[30] KR (10-2010-0031145) 2010-04-05

[11] **2,884,941**
[13] A1
[51] **Int.Cl. A63B 23/18 (2006.01) A61M 16/00 (2006.01)**
[25] EN
[54] **RESPIRATORY MUSCLE ENDURANCE TRAINING DEVICE**
[54] **DISPOSITIF D'ENTRAINEMENT D'ENDURANCE DU MUSCLE RESPIRATOIRE**
[72] FOLEY, MARTIN P., CA
[72] GRYCHOWSKI, JERRY R., US
[73] FOLEY, MARTIN P., CA
[73] GRYCHOWSKI, JERRY R., ZZ
[73] TRUDELL MEDICAL INTERNATIONAL, CA
[86] (2884941)
[87] (2884941)
[22] 2009-02-19
[62] 2,716,511
[30] US (61/030,436) 2008-02-21

[11] **2,885,495**
[13] A1
[51] **Int.Cl. E03C 1/10 (2006.01) B64D 11/04 (2006.01) F16L 37/00 (2006.01) F16L 47/26 (2006.01)**
[25] EN
[54] **AIRCRAFT GALLEY WATER DISTRIBUTION MANIFOLD**
[54] **COLLECTEUR DE DISTRIBUTION D'EAU D'OFFICE D'AVION**
[72] BURD, PETER JOHN LESLIE, GB
[73] B/E AEROSPACE, INC., US
[73] BURD, PETER JOHN LESLIE, ZZ
[85] 2015-03-17
[86] 2013-10-03 (PCT/US2013/063308)
[87] (WO2014/055785)
[30] US (61/709,834) 2012-10-04
[30] US (14/044,487) 2013-10-02

[11] **2,886,136**
[13] A1
[51] **Int.Cl. H04N 21/441 (2011.01) H04W 88/02 (2009.01) H04N 21/4415 (2011.01) G10L 15/00 (2013.01)**
[25] EN
[54] **AUTHENTICATION USING A VIDEO SIGNATURE**
[54] **AUTHENTIFICATION A L'AIDE D'UNE SIGNATURE VIDEO**
[72] MCDONOUGH, JOHN C., US
[72] HROMI, JONATHAN, US
[72] STERN, HADLEY RUPERT, US
[72] BISIKALO, DMITRY, US
[73] FMR LLC, US
[73] MCDONOUGH, JOHN C., ZZ
[73] HROMI, JONATHAN, ZZ
[73] STERN, HADLEY RUPERT, ZZ
[73] BISIKALO, DMITRY, ZZ
[86] (2886136)
[87] (2886136)
[22] 2015-03-24
[30] US (14/224,901) 2014-03-25

[11] **2,886,163**
[13] A1
[51] **Int.Cl. H04N 21/4415 (2011.01) H04N 21/2347 (2011.01) H04N 7/15 (2006.01) G06Q 40/00 (2012.01)**
[25] EN
[54] **SECURE VIDEO CONFERENCING TO CONDUCT FINANCIAL TRANSACTIONS**
[54] **VIDEOCONFERENCE SECURISEE POUR MENER DES TRANSACTIONS FINANCIERES**
[72] HROMI, JONATHAN, US
[72] MCDONOUGH, JOHN C., US
[72] BISIKALO, DMITRY, US
[72] STERN, HADLEY RUPERT, US
[73] FMR LLC, US
[73] HROMI, JONATHAN, ZZ
[73] MCDONOUGH, JOHN C., ZZ
[73] BISIKALO, DMITRY, ZZ
[73] STERN, HADLEY RUPERT, ZZ
[86] (2886163)
[87] (2886163)
[22] 2015-03-24
[30] US (14/224,881) 2014-03-25

[11] **2,887,082**
[13] A1
[51] **Int.Cl. C12N 15/53 (2006.01) C12N 9/02 (2006.01) C12P 1/00 (2006.01) C12P 19/00 (2006.01)**
[25] EN
[54] **LACCASES FOR PULP BIO-BLEACHING**
[54] **LACCASES POUR BLANCHIMENT BIOLOGIQUE DE LA PATE DE CELLULOSE**
[72] KEROVUO, JANNE SAMULI, US
[72] HAREMZA, SYLKE, DE
[72] KOCH, OLIVER, DE
[72] HABICHER, TILO, DE
[72] ROBERTSON, DAN, US
[72] DESANTIS, GRACE, US
[72] MCCANN, RYAN, US
[72] LUGINBUHL, PETER, US
[73] BASF ENZYMES LLC, US
[73] BASF SE, DE
[73] KEROVUO, JANNE SAMULI, ZZ
[73] HAREMZA, SYLKE, ZZ
[73] KOCH, OLIVER, ZZ
[73] HABICHER, TILO, ZZ
[73] ROBERTSON, DAN, ZZ
[73] DESANTIS, GRACE, ZZ
[73] MCCANN, RYAN, ZZ
[73] LUGINBUHL, PETER, ZZ
[86] (2887082)
[87] (2887082)
[22] 2007-08-31
[62] 2,661,882
[30] US (60/824,402) 2006-09-01

[11] **2,887,118**
[13] A1
[51] **Int.Cl. B60W 30/14 (2006.01) B60R 21/00 (2006.01) B60T 7/12 (2006.01) B60W 40/04 (2006.01) G08G 1/16 (2006.01)**
[25] EN
[54] **VEHICLE CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE DE VEHICULE**
[72] SAWAMOTO, KIICHIRO, JP
[73] HONDA MOTOR CO., LTD., JP
[73] SAWAMOTO, KIICHIRO, ZZ
[85] 2015-04-02
[86] 2013-11-20 (PCT/JP2013/081277)
[87] (WO2014/080940)
[30] JP (2012-257318) 2012-11-26

[11] **2,887,424**
[13] A1
[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/50 (2006.01) B01D 53/77 (2006.01) F23J 15/00 (2006.01)**
[25] EN
[54] **CO2 RECOVERY APPARATUS AND CO2 RECOVERY METHOD**
[54] **DISPOSITIF ET PROCEDE DE RECUEIL DE CO2**
[72] TSUJIUCHI, TATSUYA, US
[72] HONJO, SHINTARO, US
[72] YONEKAWA, TAKAHITO, US
[72] SUGITA, SATORU, US
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[73] TSUJIUCHI, TATSUYA, ZZ
[73] HONJO, SHINTARO, ZZ
[73] YONEKAWA, TAKAHITO, ZZ
[73] SUGITA, SATORU, ZZ
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[54] **BOUCHON DOSEUR MULTI-ECOULEMENT**
[72] MARTINEZ CARREGUI, ALBERTO, ES
[72] GARCIA ZARAGOZA, JOSE, ES
[73] BORGES BRANDED FOODS SLU, ES
[73] MARTINEZ CARREGUI, ALBERTO, ZZ
[73] GARCIA ZARAGOZA, JOSE, ZZ
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[54] **REVERSING PROPULSION DEVICE FOR WATERCRAFT**
[54] **DISPOSITIF DE PROPULSION A INVERSION POUR NAVIRE**
[72] KETTERMAN, GREGORY SCOTT, US
[72] CZARNOWSKI, JAMES TAYLOR, US
[72] KARDAS, JASON CHRISTOPHER, US
[72] DOW, PHILIP JAMES, US
[73] HOBIE CAT COMPANY, A MISSOURI CORPORATION, US
[73] KETTERMAN, GREGORY SCOTT, ZZ
[73] CZARNOWSKI, JAMES TAYLOR, ZZ
[73] KARDAS, JASON CHRISTOPHER, ZZ
[73] DOW, PHILIP JAMES, ZZ
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[54] **START-UP METHOD OF HYDROCARBON SYNTHESIS REACTION APPARATUS**
[54] **PROCEDE DE DEMARRAGE POUR UN APPAREIL DE REACTION DE SYNTHESE D'HYDROCARBURES**
[72] ITO, TAKEO, JP
[72] MURATA, ATSUSHI, JP
[72] YAMADA, EIICHI, JP
[72] KATO, YUZURU, JP
[72] ONISHI, YASUHIRO, JP
[73] JAPAN OIL, GAS AND METALS NATIONAL CORPORATION, JP
[73] ITO, TAKEO, ZZ
[73] MURATA, ATSUSHI, ZZ
[73] YAMADA, EIICHI, ZZ
[73] KATO, YUZURU, ZZ
[73] ONISHI, YASUHIRO, ZZ
[73] INPEX CORPORATION, JP
[73] JX NIPPON OIL & ENERGY CORPORATION, JP
[73] JAPAN PETROLEUM EXPLORATION CO., LTD., JP
[73] COSMO OIL CO., LTD., JP
[73] NIPPON STEEL & SUMIKIN ENGINEERING CO., LTD., JP
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[54] **SUBSEA ENERGY STORAGE FOR BLOW OUT PREVENTERS (BOP)**
[54] **STOCKAGE D'ENERGIE SOUS-MARIN POUR BLOCS OBTURATEURS DE PUITS (BOP)**
[72] BOURGEAU, EDWARD P., US
[72] ASPIN, JASON, CA
[73] TRANSOCEAN SEDCO FOREX VENTURES LIMITED, KY
[73] ASPIN KEMP & ASSOCIATES HOLDING CORP., CA
[73] BOURGEAU, EDWARD P., ZZ
[73] ASPIN, JASON, CA
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[25] EN
[54] **METHODS AND APPARATUSES FOR RADIO RESOURCE MANAGEMENT MEASUREMENTS OF A USER EQUIPMENT IN A HETEROGENEOUS NETWORK**
[54] **MESURES DE GESTION DE RESSOURCE RADIO D'EQUIPEMENT UTILISATEUR DE RESEAU HETEROGENE**
[72] JI, TINGFANG, US
[72] SONG, OSOK, US
[72] DAMNJANOVIC, ALEKSANDAR, US
[72] GAAL, PETER, US
[72] LUO, TAO, US
[72] MALLADI, DURGA PRASAD, US
[73] QUALCOMM INCORPORATED, US
[73] JI, TINGFANG, ZZ
[73] SONG, OSOK, ZZ
[73] DAMNJANOVIC, ALEKSANDAR, ZZ
[73] GAAL, PETER, ZZ
[73] LUO, TAO, ZZ
[73] MALLADI, DURGA PRASAD, ZZ
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[54] **SYSTEM AND METHOD FOR DETERMINING THE THREE-DIMENSIONAL LOCATION AND ORIENTATION OF IDENTIFICATION MARKERS**
[54] **SYSTEME ET PROCEDE DE DETERMINATION DE L'EMPLACEMENT TRIDIMENSIONNEL ET DE L'ORIENTATION DE MARQUEURS D'IDENTIFICATION**
[72] DAON, EHUD UDI, CA
[72] BECKETT, MARTIN GREGORY, CA
[73] NAVIGATE SURGICAL TECHNOLOGIES, INC., CA
[73] DAON, EHUD UDI, CA
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[54] **WIND TURBINE ROTOR AND METHODS OF ASSEMBLING THE SAME**
[54] **ROTOR DE TURBINE EOLIENNE ET SES PROCEDES D'ASSEMBLAGE**
[72] KHAN, ZAEEM ASHRAF, US
[73] GENERAL ELECTRIC COMPANY, US
[73] KHAN, ZAEEM ASHRAF, ZZ
[85] 2015-05-21
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[54] **REINFORCING STRUCTURE FOR CONCRETE COLUMN**
[54] **STRUCTURE DE RENFORCEMENT DESTINEE A UNE COLONNE EN BETON**
[72] YAMAKAWA, HIROSHI, JP
[73] SANYOHOME CO., LTD., JP
[73] YAMAKAWA, HIROSHI, ZZ
[85] 2015-05-22
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[25] EN
[54] **CIRCUMFERENTIAL WELDED JOINT OF LINE PIPE, METHOD OF FORMING CIRCUMFERENTIAL WELDED JOINT OF LINE PIPE, AND LINE PIPE**
[54] **JOINT SOUDE CIRCONFERENTIEL POUR TUYAU LINEAIRE, PROCEDE DE FORMATION DE JOINT SOUDE CIRCONFERENTIEL POUR TUYAU LINEAIRE, ET TUYAU LINEAIRE**
[72] SAKIMOTO, TAKAHIRO, JP
[72] IGI, SATOSHI, JP
[72] YOKOTA, TOMOYUKI, JP
[73] JFE STEEL CORPORATION, JP
[73] SAKIMOTO, TAKAHIRO, ZZ
[73] IGI, SATOSHI, ZZ
[73] YOKOTA, TOMOYUKI, ZZ
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[54] **STAGE TOOL WITH LOWER TUBING ISOLATION**
[54] **OUTIL D'INSTALLATION A ISOLEMENT DE TUBAGE BAS**
[72] MCNABB, BRYCE, CA
[72] MARCIN, JOZEPH ROBERT, CA
[72] HANSON, ANDREW J., CA
[72] MACTAVISH, JAMES, CA
[72] KSHYK, COREY, CA
[73] MCNABB, BRYCE, CA
[73] MARCIN, JOZEPH ROBERT, CA
[73] HANSON, ANDREW J., CA
[73] MACTAVISH, JAMES, CA
[73] KSHYK, COREY, CA
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **METHOD AND APPARATUS FOR RANDOM ACCESS IN AN ORTHOGONAL MULTIPLE-ACCESS COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL POUR UN ACCES ALEATOIRE DANS UN SYSTEME DE COMMUNICATION PAR ACCES MULTIPLE ORTHOGONAL**
[72] MALLADI, DURGA PRASAD, US
[72] DAMNJANOVIC, ALEKSANDAR, US
[72] MONTOJO, JUAN, US
[73] QUALCOMM INCORPORATED, US
[73] MALLADI, DURGA PRASAD, ZZ
[73] DAMNJANOVIC, ALEKSANDAR, ZZ
[73] MONTOJO, JUAN, ZZ
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[54] **IMPROVED EXHAUST GAS HEATING APPARATUS**
[54] **APPAREIL DE CHAUFFAGE DE GAZ D'ECHAPPEMENT PERFECTIONNE**
[72] CULBERTSON, DAVID P., US
[72] WILLIAMS, RICHARD T., JR., US
[72] MEYERS, CHRISTOPHER, US
[72] OHSE, JEREMY, US
[72] EVERLY, MARK, US
[72] BRUMMELL, ROGER, US
[72] JACKSON, GERALD S., US
[72] SPOOLER, JAKE, US
[72] PRADUN, JAMES N., US
[72] BOEHMER, SCOTT H., US
[72] DIACO, MITCHELL T., US
[72] FRAKE, ROBERT K., US
[73] WATLOW ELECTRIC MANUFACTURING COMPANY, US
[73] CULBERTSON, DAVID P., ZZ
[73] WILLIAMS, RICHARD T., JR., ZZ
[73] MEYERS, CHRISTOPHER, ZZ
[73] OHSE, JEREMY, ZZ
[73] EVERLY, MARK, ZZ
[73] BRUMMELL, ROGER, ZZ
[73] JACKSON, GERALD S., ZZ
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[73] PRADUN, JAMES N., ZZ
[73] BOEHMER, SCOTT H., ZZ
[73] DIACO, MITCHELL T., ZZ
[73] FRAKE, ROBERT K., ZZ
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[54] **SLIDING SEAL AND SEAL STRUCTURE**
[54] **JOINT COULISSANT ET STRUCTURE DE JOINT**
[72] SUZUKI, YUTAKA, JP
[72] NOMICHI, KAORU, JP
[72] NINOMIYA, MAKOTO, JP
[72] SHINOHARA, MIKIYA, JP
[72] MORIYAMA, AKINOBU, JP
[73] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
[73] NISSAN MOTOR CO., LTD., JP
[73] SUZUKI, YUTAKA, ZZ
[73] NOMICHI, KAORU, ZZ
[73] NINOMIYA, MAKOTO, ZZ
[73] SHINOHARA, MIKIYA, ZZ
[73] MORIYAMA, AKINOBU, ZZ
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[54] **METHOD OF ASSEMBLING A RING BINDER COVER**
[54] **METHODE D'ASSEMBLAGE D'UNE COUVERTURE DE RELIURE A ANNEAUX**
[72] LOCKHART, GREGORY L., US
[72] ISRAEL, ERIC S., US
[72] PYRYT, JOHN C., US
[72] LOPEZ, MICHAEL A., US
[72] FITZGERALD, LISA L., US
[72] BEJSOVEC, JULIUS C., US
[72] BYRD, LARRY R., US
[73] LOCKHART INDUSTRIES, INC., US
[73] LOCKHART, GREGORY L., ZZ
[73] ISRAEL, ERIC S., ZZ
[73] PYRYT, JOHN C., ZZ
[73] LOPEZ, MICHAEL A., ZZ
[73] FITZGERALD, LISA L., ZZ
[73] BEJSOVEC, JULIUS C., ZZ
[73] BYRD, LARRY R., ZZ
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[54] **SYSTEM FOR MOVABLY SUPPORTING A SEPARATION MEMBER**
[54] **SYSTEME PERMETTANT DE SOUTENIR DE MANIERE AMOVIBLE UN ELEMENT DE SEPARATION**
[72] KNOX, HOWARD T., US
[73] ANCRA INTERNATIONAL LLC, US
[73] KNOX, HOWARD T., ZZ
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[54] **SUBAQUEOUS UNDERGROUND SURVEY SYSTEM AND SUBAQUEOUS UNDERGROUND SURVEY METHOD**
[54] **SYSTEME ET PROCEDE D'EXPLORATION SUBAQUATIQUE/SOUTERRAINE**
[72] MIKADA, HITOSHI, JP
[72] OZASA, HIROAKI, JP
[72] SATO, FUMIO, JP
[72] NAGAYA, SHIGEKI, JP
[72] YAMANISHI, AKIO, JP
[73] IHI CORPORATION, JP
[73] MIKADA, HITOSHI, JP
[73] OZASA, HIROAKI, ZZ
[73] SATO, FUMIO, ZZ
[73] NAGAYA, SHIGEKI, ZZ
[73] YAMANISHI, AKIO, ZZ
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[54] **METHODS AND DEVICES FOR DETERMINING ROOT MEAN SQUARE OF A DELTA-SIGMA MODULATED SIGNAL**
[54] **PROCEDES ET DISPOSITIFS POUR DETERMINER LA MOYENNE QUADRATIQUE D'UN SIGNAL MODULE PAR MODULATION DELTA-SIGMA**
[72] DIONNE, DONALD JEFFREY, CA
[72] MCCANN, JENNIFER MARIE, CA
[72] HOWSE, BRIAN LEONARD WILLIAM, CA
[73] SMART ENERGY INSTRUMENTS INC., CA
[73] DIONNE, DONALD JEFFREY, CA
[73] MCCANN, JENNIFER MARIE, CA
[73] HOWSE, BRIAN LEONARD WILLIAM, CA
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[54] **BLIND, BULBING, TACKING RIVET AND METHOD OF INSTALLATION**
[54] **RIVET DE MAINTIEN BORGNE A FORMATION DE BULBES ET PROCEDE D'INSTALLATION**
[72] LEMLER, CALEB, US
[73] SPS TECHNOLOGIES, LLC, US
[73] LEMLER, CALEB, ZZ
[85] 2015-07-31
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[54] **SYSTEME DE PREPARATION D'UNE EMULSION GEL POLYMERE DANS UN SEAU**
[72] DOTEN, LEONARD E., US
[73] DOTEN, LEONARD E., US
[86] (2901031)
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[54] **DEFLUIDISATION DE PILULES DE PERTE DE CIRCULATION**
[72] SANDERS, MARK W., GB
[72] SCORSONE, JASON T., US
[72] PATEL, ARVIND D., US
[73] M-I L.L.C., US
[73] SANDERS, MARK W., ZZ
[73] SCORSONE, JASON T., ZZ
[73] PATEL, ARVIND D., ZZ
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[25] EN
[54] **METHOD FOR ENTROPY-ENCODING SLICE SEGMENT AND APPARATUS THEREFOR, AND METHOD FOR ENTROPY-DECODING SLICE SEGMENT AND APPARATUS THEREFOR**
[54] **PROCEDE D'ENCODAGE ENTROPIQUE DE SEGMENT DE TRANCHE ET APPAREIL POUR CE PROCEDE, ET PROCEDE DE DECODAGE ENTROPIQUE DE SEGMENT DE TRANCHE ET APPAREIL POUR CE PROCEDE**
[72] LEE, TAMMY, KR
[72] CHOI, BYEONG-DOO, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[73] LEE, TAMMY, ZZ
[73] CHOI, BYEONG-DOO, ZZ
[86] (2903149)
[87] (2903149)
[22] 2014-01-06
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[25] EN
[54] **CARBON-COATING-FILM CLEANING METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE NETTOYAGE DE FILM DE REVETEMENT DE CARBONE**
[72] KOBAYASHI, KOJI, JP
[72] FUNATSU, JUNYA, JP
[73] HONDA MOTOR CO., LTD., JP
[73] KOBAYASHI, KOJI, ZZ
[73] FUNATSU, JUNYA, ZZ
[85] 2015-08-31
[86] 2014-05-30 (PCT/JP2014/064467)
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[25] EN
[54] **RETAINING ENCLOSURE FOR ABOVE-GROUND FIBER OPTIC/CABLE NETWORK TERMINAL**
[54] **ENCEINTE DE CONFINEMENT POUR TERMINAL DE FIBRE OPTIQUE OU RESEAU CABLE NON ENFOUI**
[72] CHAN, JAMES CHUN-NAM, CA
[72] CHEN, HONG, CA
[72] HAMMERSLEY, DONOVAN, CA
[72] HARJI, MAHMUD, CA
[73] PRIMEX MANUFACTURING LTD., CA
[73] CHAN, JAMES CHUN-NAM, CA
[73] CHEN, HONG, CA
[73] HAMMERSLEY, DONOVAN, CA
[73] HARJI, MAHMUD, CA
[86] (2906992)
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[25] EN
[54] **SELF-CLEANING JET TUBE**
[54] **TUBE DE JET AUTONETTOYANT**
[72] MCMAHON, IRVEN J., US
[72] SPANGLER, CLINTON, US
[73] USNR/KOCKUMS CANCAR COMPANY, US
[73] MCMAHON, IRVEN J., ZZ
[73] SPANGLER, CLINTON, ZZ
[86] (2909023)
[87] (2909023)
[22] 2015-10-07
[30] US (62/062,037) 2014-10-09

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[51] **Int.Cl. B64C 27/57 (2006.01) B64D 45/00 (2006.01)**
[25] FR
[54] **NAVIGATION ASSISTANCE FOR A MULTI-ENGINE ROTORCRAFT IN CASE OF ENGINE FAILURE, FOR VARIABLE SPEED DRIVE OF A MAIN ROTOR OF THE ROTORCRAFT**
[54] **ASSISTANCE A LA NAVIGATION D'UN GIRAVION MULTIMOTEUR EN CAS DE PANNE-MOTEUR, DANS LE CADRE D'UN ENTRAINEMENT A VITESSE VARIABLE D'UN ROTOR PRINCIPAL DU GIRAVION**
[72] VALLART, JEAN-BAPTISTE, FR
[72] TAHERI, SETAREH, FR
[72] GAVIOS, DAMIEN, FR
[72] ROCHERON, CELINE, FR
[73] VALLART, JEAN-BAPTISTE, ZZ
[73] TAHERI, SETAREH, ZZ
[73] GAVIOS, DAMIEN, ZZ
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[73] AIRBUS HELICOPTERS, FR
[86] (2912111)
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[54] **SYSTEME D'ENTRAINEMENT HYDRAULIQUE OU PNEUMATIQUE ET MOTEUR ET POMPE ASSOCIES**
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[73] GENIUS VELO LTD., GB
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[54] **SYSTEME ET PROCEDE DE TELEVISION MOBILE AVEC FONCTION DE CHANGEMENT DE CHAINE RAPIDE**
[72] DACOSTA, BEHRAM MARIO, US
[73] SONY CORPORATION, JP
[73] SONY ELECTRONICS INC., US
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[54] **PROCEDE ET APPAREIL D'EPANDAGE DE SEMENCES A PARTIR D'UNE SOURCE CENTRA E DANS LES UNITES DE DOSAGE DE SEMENCES D'UNE MACHINE D'ENSEMENCEMENT A RICOLE**
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[54] **SYSTEM AND METHOD FOR ELECTROPOLISHING OR ELECTROPLATING CONVEYOR BELTS**
[54] **SYSTEME ET PROCEDE POUR ELECTROPOLISSAGE OU REVETEMENT PAR DEPOT ELECTROLYTIQUE DE COURROIES TRANSPORTEUSES**
[72] KOVALCHICK, MATTHEW JAMES, US
[72] DRUMMOND, JAY F., US
[73] ASHWORTH BROS., INC., US
[73] KOVALCHICK, MATTHEW JAMES, ZZ
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[54] **ELEMENTS ET RECIPIENTS A NOYAU STRUCTURE**
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[72] LOUKUS, JOSH E., US
[73] REL, INC., US
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[54] **COPPER ALLOY AND COPPER ALLOY SHEET**
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[72] OISHI, KEIICHIRO, JP
[72] NAKASATO, YOSUKE, JP
[72] HOKAZONO, TAKASHI, JP
[73] MITSUBISHI SHINDOH CO., LTD., JP
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[73] DOLBY INTERNATIONAL AB, NL
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[72] BABKIN, ALEXEI V., US
[72] DUNCAN, ROBERT, US
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[54] **METHODES ET SYSTEMES DE REALISATION D'APPRENTISSAGE DE RENFORCEMENT DANS LES ENVIRONNEMENTS HIERARCHIQUES ET ETENDUS TEMPORAIREMENT**
[72] RASMUSSN, DANIEL H., US
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[54] **SYSTEME D'APPLICATION DE PEINTURE AUTOMATISEE ET METHODE ASSOCIEE**
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[54] **DISPOSITIF DE POMPAGE D'EAU CLIFFORD PORTATIF A VOLUME ELEVE ALIMENTE A L'ENERGIE SOLAIRE**
[72] CLIFFORD, COLE R., CA
[72] CLIFFORD, CURTIS R., CA
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[54] **APPAREIL DE TEST DE LA FONCTIONNALITE DE DEGAGEMENT D'UNE FIXATION DE SKI A NEIGE ET UN OUTIL MANUEL COMPORTANT CHACUN UN INDICATEUR DE FORCE AXIALE**
[72] ETTLINGER, CARL F., US
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[54] **UN REMMETRE DE NEUTRON A VASTE SPECTRE ENERGETIQUE, LEGER ET PRECIS, ET SON UTILISATION**
[72] ING, HARRY, CA
[72] ANDREWS, HUGH ROBERT, CA
[72] KOSLOWSKY, MARTIN R., CA
[72] SMITH, MARTIN BERNARD, CA
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[54] **SUPPORT DE MAGASIN COULISSANT SORTANT DOTE D'UNE HELICE INTEGREE FACILITANT LE CHARGEMENT A UNE MAIN D'UNE ARME A FEU**
[72] LICUDINE, MARLITO GENE, CA
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[54] **ADAPATATEUR D'EXTRUDEUSE AMOVIBLE EN VUE D'UNE ALIMENTATION AMELIOREE**
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[72] CLARE, ROBERT HUGH, CA
[72] MCGRORY, WILLIAM, CA
[72] DAVEY, ALLISTER WILLIAM, CA
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[54] **SYSTEME ET METHODE DE FOURNITURE D'UNE TABLE DE JEU AJUSTABLE**
[72] BAXTER, LUCAS R., CA
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[54] **COUPELLES DE SUCCION METTANT EN ACTION UN FREIN SUR LA GLACE**
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[54] **PROCEDE EST APPAREIL DE DIVISION DE FLUX DE VAPEUR**
[72] WU, JIANGYING, CA
[72] PAINE, RANDY, CA
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[54] **TROUSSES DE MOULAGE DE PLATEAU DENTAIRE ET METHODES**
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[54] **CELLULAR TELEPHONE SYSTEM WITH PLAN BRIDGING FEATURE**
[54] **SYSTEME DE TELEPHONIE CELLULAIRE A FONCTIONNALITE DE PROLONGATION DE PLAN**
[72] DAVIDSON, PAUL, CA
[71] MORE CELL NOW APPLICATIONS INC., CA
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[54] **DISPOSITIF DESTINE A UN TRACTEUR BULLDOZER SUR CHENILLE**
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[71] LUFT INDUSTRIE, INC., US
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[54] **STRUCTURE DE BATIMENT EN BETON ET METHODE DE CONSTRUCTION MODULAIRE DE LADITE STRUCTURE**
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[54] **NOUVEAUX PLANTS DE POIVRON PRODUISANT DES FRUITS DE COULEUR EXTREMEMENT VERTE**
[72] COOK, KEVIN, US
[72] BOYDEN, LAURIE, US
[72] CZEPLEWSKI, STEVE, US
[72] VAN WIJK, HENRICUS JOHANNES, NL
[71] SYNGENTA PARTICIPATIONS AG, CH
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[54] **REVETEMENT ADAPTABLE A LA FORME RESISTANT AUX UV ET ETANCHE, FAIT DE TISSU EXTENSIBLE**
[72] EASTWOOD, ROBIN, CA
[71] BK PROMOTIONS INC., CA
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[72] MOCANU, CATALIN AUREL, CA
[72] CAPPELLO, PHILIP, CA
[71] SUN GLOW WINDOW COVERING PRODUCTS OF CANADA LTD., CA
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[54] **PROJECTILE JOUET DOTE D'UN DISPOSITIF DE PROPULSION AUTONOME**
[72] DUKOFF, CLAYTON ALEXANDER, CA
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[54] **MOBILE DATA TERMINAL (MDT) OR MOBILE DIGITAL COMPUTER (MDC) EVENT SENSING AND SIGNALING APPARATUS FOR FIRST RESPONDER AND TRANSIT VEHICLES**
[54] **APPAREIL DE DETECTION ET SIGNALEMENT D'EVENEMENT DE TERMINAL DE DONNEES MOBILE OU ORDINATEUR NUMERIQUE MOBILE DESTINE AUX PREMIERS REPONDANTS ET AUX VEHICULES DE TRANSPORT EN COMMUN**
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[54] **GOUTTIERES DOTEES D'UN PROTECTEUR DE GOUTTIERE**
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[54] **MODULE CIBLE STIMULANT ET ACCESSOIRE DE MODULE CIBLE STIMULANT**
[72] D'ANDRADE, DEREK, CA
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[54] **SYSTEMES ET METHODE DE CONTROLE DE PRODUCTION D'HYDROCARBURES**
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[71] SUNCOR ENERGY INC., CA
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[54] **INDICATEUR DE DUREE D'ACTIVITE DE FEU DE CIRCULATION**
[72] PATTON, HEZEKIAH, JR., US
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[25] EN
[54] **PERM SOLUTION AND HAIR CONDITIONING AGENT**
[54] **SOLUTION DE PERMANENTE ET AGENT DE CONDITIONNEMENT DE CHEVEUX**
[72] AKITA, SOUGO, JP
[71] NOGUCHI, HIDETO, JP
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[71] ENDO, SUSANA EMELDA, CA
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[25] EN
[54] **CALL CIRCUIT SELECTION MANAGEMENT METHOD AND SYSTEM**
[54] **SYSTEME ET METHODE DE GESTION DE LA SELECTION DE CIRCUITS D'APPEL**
[72] LALIBERTE, BENOIT, CA
[71] INVESTEL CAPITAL CORPORATION, CA
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[51] **Int.Cl. G06F 21/75 (2013.01)**
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[54] **WHITENOISE SECURE CIRCUIT DESIGN IMPLEMENTATION TECHNIQUES TO PREVENT POWER ANALYSIS ATTACKS AND OTHER SIDE CHANNEL ATTACKS, SECURE OTHER PHYSICAL CRYPTOSYSTEM IMPLEMENTATIONS, AND IMPLEMENTATION OF WHITENOISE INTO LOW COST MICRO PROCESSING AND SMART COMPONENTS RETAINING ONE-TIME-PAD CHARACTERISTICS**
[54] **TECHNIQUES DE MISE EN PLACE DE CONFIGURATION DE CIRCUIT SECURISE PAR BRUIT BLANC EN VUE DE PREVENIR DES ATTAQUES D'ANALYSE DE PUISSANCE ET D'AUTRES ATTAQUES DE CANAL LATERAL, SECURISER D'AUTRES MISES EN PLACE DE SYSTEME DE CHIFFREMENT PHYSIQUE, ET MISE EN PLACE DE BRUIT BLANC DANS LES MICRO TRAITEMENTS A BAS COUT ET COMPOSANTS INTELLIGENTS RETENANT DES CARA**
[72] BRISSON, ANDRE J., CA
[71] BRISSON, ANDRE J., CA
[22] 2015-09-01
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[25] EN
[54] **STABILIZING CAP FOR PERSONAL FLOTATION DEVICE**
[54] **CAPUCHON DE STABILISATION DESTINE A UN DISPOSITIF DE FLOTTAISON PERSONNEL**
[72] DAVIDSON, JILL, US
[71] MUSTANG SURVIVAL ULC, CA
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[54] **TRENCHLESS REFURBISHMENT OF UNDERGROUND PIPES**
[54] **REMPLACEMENT SANS TRANCHEE DE TUYAUX SOUTERRAINS**
[72] THOMPSON, ROGER W., US
[71] TITAN CMP SOLUTIONS LLC, US
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[54] **INSULATED MODULAR ROOF SYSTEM**
[54] **SYSTEME DE TOIT MODULAIRE ISOLE**
[72] KENNEDY, DAVID, CA
[71] KENNEDY, DAVID, CA
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[54] **LANDING GEAR AERO SKIRT**
[54] **JUPE AERODYNAMIQUE DE TRAIN D'ATTERRISSAGE**
[72] BAKER, LEONARD W., US
[72] HAAN, BRIAN, US
[72] SWEET, JAMES A., US
[72] COURTNEY, MICHAEL J., US
[71] WABASH NATIONAL, L.P., US
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[54] **CALL CONNECTION MANAGEMENT SYSTEM AND METHOD, AND AUTOMATED CALL BILLING MANAGEMENT SYSTEM AND METHOD ASSOCIATED THEREWITH**
[54] **SYSTEME DE GESTION DE CONNEXION D'APPEL ET METHODE, ET SYSTEME DE GESTION DE FACTURATION D'APPEL AUTOMATISEE ET METHODE ASSOCIEE**
[72] LALIBERTE, BENOIT, CA
[71] INVESTEL CAPITAL CORPORATION, CA
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[25] EN
[54] **THERAPEUTIC GLOVE AND APPENDAGE ASSEMBLY**
[54] **ENSEMBLE DE GANT ET ACCESSOIRE THERAPEUTIQUE**
[72] BIANCO, ANGELA, CA
[71] BIANCO, ANGELA, CA
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[25] EN
[54] **SYSTEM AND METHOD FOR WIRELESS DYNAMIC SPECTRUM ACCESS**
[54] **SYSTEME ET METHODE D'ACCES A UN SPECTRE DYNAMIQUE SANS FIL**
[72] ALSOHAILY, AHMED, CA
[72] SOUSA, ELVINO SILVEIRA MEDINA DE, CA
[71] ALSOHAILY, AHMED, CA
[71] SOUSA, ELVINO SILVEIRA MEDINA DE, CA
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[51] **Int.Cl. A01F 29/00 (2006.01) A01F 29/09 (2010.01) A01F 29/12 (2006.01) A01F 29/14 (2006.01)**
[25] EN
[54] **POWER TRANSMISSION COUPLERS AND BALE PROCESSORS USING SAME**
[54] **RACCORDS DE TRANSMISSION DE PUISSANCE ET PROCESSEURS DE BALLOTS EMPLOYANT LESDITS RACCORDS**
[72] STAM, PHIL, US
[72] SCHIFERL, TYLER, US
[72] GRAHAM, LUCAS, US
[71] VERMEER MANUFACTURING COMPANY, US
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[25] EN
[54] **APPARATUS AND METHOD FOR SMOOTHING DRYWALL MUD**
[54] **APPAREIL ET METHODE DE LISSAGE DE BOUE DE CLOISON SECHE**
[72] ETHIER, DOMINIC, CA
[71] ETHIER, DOMINIC, CA
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[51] **Int.Cl. G06F 3/14 (2006.01) G06Q 10/10 (2012.01)**
[25] EN
[54] **MANAGED SCREEN SHARING IN AN ENTERPRISE APPLICATION**
[54] **PARTAGE D'ECRAN GERE DANS UNE APPLICATION D'ENTREPRISE**
[72] VINK, JELLE, US
[72] ZHENG, XING, US
[71] SUGARCRM INC., US
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[25] EN
[54] **AIR ASSISTED SEVERANCE OF FLUID STREAM**
[54] **COUPURE ASSISTEE A L'AIR D'UN FLUX DE FLUIDE**
[72] OPHARDT, HEINER, CH
[72] JONES, ANDREW, CA
[72] SHI, ZHENCHUN (TONY), CA
[71] OP-HYGIENE IP GMBH, CH
[22] 2015-09-01
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[51] **Int.Cl. A47K 5/12 (2006.01) B05B 9/04 (2006.01)**
[25] EN
[54] **LIQUID HAND CLEANER DISPENSING AS SPRAY AND LIQUID STREAM**
[54] **DISTRIBUTEUR DE NETTOYANT A MAINS LIQUIDE SOUS FORME DE PULVERISATION ET DE LIQUIDE**
[72] OPHARDT, HEINER, CH
[72] JONES, ANDREW, CA
[72] SHI, ZHENCHUN (TONY), CA
[71] OP-HYGIENE IP GMBH, CH
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[25] EN
[54] **IMPROVED WATER JACKET CONFIGURATION FOR SPOT WELDING ASSEMBLY**
[54] **CONFIGURATION DE CHEMISE D'EAU AMELIOREE DESTINEE A UN APPAREILLAGE DE SOUDURE PAR POINT**
[72] ELMOFTY, OMAR, US
[72] TAYLOR, STEVE, US
[71] HONDA MOTOR CO., LTD., JP
[22] 2015-09-03
[41] 2017-03-03

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[25] EN
[54] **ELECTRICAL CONNECTOR BRACE**
[54] **SUPPORT DE CONNECTEUR ELECTRIQUE**
[72] DON, JOAN, CA
[71] DON, JOAN, CA
[22] 2015-09-03
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[51] **Int.Cl. H01H 71/04 (2006.01) H01H 21/54 (2006.01)**
[25] EN
[54] **HIGH VOLTAGE SWITCH BLADE CLOSING DETECTOR**
[54] **DETECTEUR DE FERMETURE DE LAME D'INTERRUPTEUR HAUTE TENSION**
[72] ROSTRON, JOSEPH R., US
[72] ANAND, RAJ, US
[72] VANHIEL, BRIAN, US
[72] CHARLES, KIRK, US
[72] RODRIGUEZ, ANDRES, US
[72] BERNER, BRIAN, US
[71] SOUTHERN STATES, LLC, US
[22] 2015-09-02
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[25] EN
[54] **DUAL-MODE DUCTED FAN UNMANNED AIR VEHICLE**
[54] **VEHICULE AERIEN SANS PILOTE A VENTILATEUR A CONDUIT DOUBLE MODE**
[72] ZHAO, HUIWEN, CA
[71] ZHAO, HUIWEN HWZ, CA
[22] 2015-09-03
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[25] EN
[54] **BOLTED CONNECTION BOLT TORQUING TOOL SYSTEMS**
[54] **SYSTEMES D'OUTIL D'APPLICATION DE COUPLE A UN BOULON BOULONNE**
[72] DELVE, DAVID, CA
[71] DELVE, DAVID, CA
[22] 2015-09-04
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[54] **SPY BLOCKER**
[54] **BLOQUEUR D'ESPION**
[72] MCCLENNAN, CHAD A., CA
[71] MCCLENNAN, CHAD A., CA
[22] 2015-09-03
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[51] **Int.Cl. B65H 19/10 (2006.01) B65H 16/04 (2006.01)**
[25] EN
[54] **BAG DISPENSER**
[54] **DISTRIBUTEUR DE SAC**
[72] MACDONALD, LINDA LEE, US
[72] SAVIC, IGOR, US
[72] AMALATHITHADA, TONY, US
[71] WAL-MART STORES, INC., US
[22] 2015-09-08
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[51] **Int.Cl. B63C 7/26 (2006.01) B63B 21/00 (2006.01)**
[25] EN
[54] **TOW BODY ARRANGEMENT FOR A TOWABLE DEVICE IN A SONAR SYSTEM**
[54] **AMENAGEMENT D'UN CORPS DE REMORQUE DESTINE A UN DISPOSITIF REMORQUABLE DANS UN SYSTEME DE SONAR**
[72] NAMS, JANIS, CA
[72] CUNNINGHAM, DAN, CA
[72] YEATMAN, PAUL, CA
[72] ARMSTRONG, BRUCE A., CA
[71] NAMS, JANIS, CA
[71] CUNNINGHAM, DAN, CA
[71] YEATMAN, PAUL, CA
[71] ARMSTRONG, BRUCE A., CA
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[51] **Int.Cl. G06Q 50/06 (2012.01) G06Q 30/04 (2012.01) F24F 11/00 (2006.01)**
[25] EN
[54] **ENGINEERED MULTI-UNIT HEATING AND COOLING ENERGY MONITORING AND COST ALLOCATION SYSTEM**
[54] **SURVEILLANCE DE L'ENERGIE DE CHAUFFAGE ET DE REFROIDISSEMENT MODULAIRE ET SYSTEME D'ATTRIBUTION DES COUTS**
[72] WILLIAMS, RICK, CA
[71] 2481679 ONTARIO INC., CA
[22] 2015-09-04
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[51] **Int.Cl. B65D 90/08 (2006.01) B65D 88/22 (2006.01)**
[25] EN
[54] **SLIDING HINGE FOR CONTAINER WALL ERECTION**
[54] **CHARNIERE COULISSANTE DESTINEE A L'ERECTION D'UN MUR DE CONTENEUR**
[72] MULLEN, BRANDON S., US
[71] WABASH NATIONAL, L.P., US
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[51] **Int.Cl. E01H 5/06 (2006.01)**
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[54] **SNOWPLOW BLADE**
[54] **LAME DE CHASSE-NEIGE**
[72] COURCELLES, JACQUES, CA
[71] GARDEX LTEE, CA
[22] 2015-09-04
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[51] **Int.Cl. G09B 19/06 (2006.01)**
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[54] **DEVICE AND METHOD FOR LEARNING FRENCH CONJUGATION**
[54] **DISPOSITIF ET METHODE POUR APPRENDRE LA CONJUGAISON DU FRANCAIS**
[72] HOUDA, ARAJ, CA
[71] HOUDA, ARAJ, CA
[22] 2015-09-03
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[54] **GRAB HANDLE FOR USE WITH AN EARTH-WORKING MACHINE**
[54] **POIGNEE DE SAISIE DESTINEE A UNE MACHINE DE TRAVAIL DU SOL**
[72] MACKINNON, JOHN LESLIE, CA
[72] TYSCHINSKI, TED, CA
[71] SUNCOR ENERGY INC., CA
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[51] **Int.Cl. H01M 4/04 (2006.01) H01G 4/008 (2006.01) H01M 4/88 (2006.01)**
[25] EN
[54] **PROCESS OF INCREASING ENERGY CONVERSION AND ELECTROCHEMICAL EFFICIENCY OF A SCAFFOLD MATERIAL USING A DEPOSITION MATERIAL**
[54] **PROCEDE D'AUGMENTATION DE LA CONVERSION ENERGETIQUE ET DE L'EFFICACITE ELECTROCHIMIQUE D'UN MATERIAU DE STRUCTURE AU MOYEN D'UN MATERIAU DE DEPOT**
[72] GOULET, MARC-ANTONI, CA
[71] SIMON FRASER UNIVERSITY, CA
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[54] **ROLL-UP TARP APPARATUS HAVING TELESCOPING ARM**
[54] **APPAREILLAGE D'ENROULEMENT DE BACHE COMPORTANT UN BRAS TELESCOPIQUE**
[72] SCHMEICHEL, CHARLES M., US
[72] ALTHOFF, CHRISTOPHER D., US
[72] WOCK, SHAWN J., US
[71] AGRI-COVER, INC., US
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[54] **MOVEABLE COVER ASSEMBLY FOR SHELTER STRUCTURES**
[54] **ENSEMBLE DE COUVERCLE MOBILE DESTINE A DES STRUCTURES D'ABRI**
[72] TEJADA, NESTOR, US
[72] DOUBLEDAY, ERIN, US
[72] GALLAGHER, KEVIN, US
[71] AMERICAN RECREATION PRODUCTS, LLC, US
[22] 2015-09-23
[41] 2017-02-28
[30] US (14/838,512) 2015-08-28

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[25] EN
[54] **LED LINEAR LIGHT ASSEMBLIES WITH TRANSPARENT BOTTOMS**
[54] **DISPOSITIFS D'ECLAIRAGE LINEAIRE A DEL DOTES DE FONDS TRANSPARENTS**
[72] CAMAROTA, MICHAEL V., US
[71] ITC INCORPORATED, US
[22] 2015-09-25
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[51] **Int.Cl. B27C 1/14 (2006.01)**
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[54] **PLANEUSE DOTEE D'UNE TETE DE PLANAGE A DECALAGE AXIAL**
[72] PFEIFFER, KENNETH S., US
[71] KIMWOOD CORPORATION, US
[22] 2015-09-23
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[25] EN
[54] **ADJUSTABLE HINGE ASSEMBLY**
[54] **MECANISME DE CHARNIERE AJUSTABLE**
[72] HAYES, GERALD R., US
[72] FERRIS, JEFFREY D., US
[72] KRZEWINA, JORG, DE
[72] BUXNOWITZ, ANDREE, DE
[72] ZUR HORST, DIETER, DE
[71] DELTA FAUCET COMPANY, US
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[25] EN
[54] **EAVESTROUGH WITH A GUTTER SHEILD**
[54] **GOUTTIERES DOTEES D'UN PROTECTEUR DE GOUTTIERE**
[72] BROCHU, STEPHANE, CA
[71] BROCHU, STEPHANE, CA
[22] 2015-10-05
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[30] CA (2,902,519) 2015-08-27

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[51] **Int.Cl. E04F 15/18 (2006.01) E04F 15/024 (2006.01) E04F 15/22 (2006.01)**
[25] EN
[54] **FLOOR MEMBER WITH FOAM CORE**
[54] **ELEMENT DE PLANCHER DOTE D'UN NOYAU EN MOUSSE**
[72] SONG, JINCHENG, CN
[71] TOWER IPCO COMPANY LIMITED, IE
[22] 2015-11-03
[41] 2017-03-04
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[51] **Int.Cl. B41M 5/50 (2006.01) C09D 5/00 (2006.01) C09D 7/12 (2006.01) D21H 19/10 (2006.01)**
[25] EN
[54] **COATINGS FOR INCREASING COLOUR VIBRANCY AND METHODS OF APPLYING SAME**
[54] **REVETEMENTS SERVANT A AUGMENTER LA VIVACITE DES COULEURS ET METHODES D'APPLICATION CONNEXES**
[72] KNOWLTON, BARRY R., CA
[71] KNOWLTON, BARRY R., CA
[22] 2015-11-18
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[54] **GUTTER GUARD WITH EMBOSSMENTS**
[54] **PROTEGE-GOUTTIERE DOTE DE BOSSAGES**
[72] BROCHU, STEPHANE, CA
[71] BROCHU, STEPHANE, CA
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[41] 2017-02-27
[30] CA (2,902,519) 2015-08-27
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[25] EN
[54] **ELECTRODE FOR GENERATING NEGATIVE OXYGEN ION AND NEGATIVE OXYGEN ION GENERATOR USING THE ELECTRODE**
[54] **ELECTRODE SERVANT A GENERER UN ION D'OXYGENE NEGATIF ET GENERATEUR D'ION D'OXYGENE NEGATIF EMPLOYANT L'ELECTRODE**
[72] LIU, YANBING, CN
[71] LIU, YANBING, CN
[22] 2016-01-08
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[30] CN (201510551143.6) 2015-08-31

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[54] **SNOW BLOWER**
[54] **SOUFFLEUSE A NEIGE**
[72] YOU, GYE HEE, KR
[71] TAE SUNG MFG. CO., KR
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[41] 2017-03-01
[30] KR (10-2015-0123765) 2015-09-01

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[13] A1
[51] **Int.Cl. A61B 5/053 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **SKIN MOISTURE TESTING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE TEST D'HUMIDITE DE LA PEAU**
[72] ZHU, XIAOMIN, CN
[71] SHENZHEN HALI-POWER INDUSTRIAL CO., LTD., CN
[22] 2016-01-26
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[25] EN
[54] **ULTRAVIOLET DETECTION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE DETECTION DE RAYONNEMENT ULTRAVIOLET**
[72] ZHU, XIAOMIN, CN
[71] SHENZHEN HALI-POWER INDUSTRIAL CO., LTD., CN
[22] 2016-01-26
[41] 2017-03-02
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[51] **Int.Cl. A63H 27/22 (2006.01)**
[25] EN
[54] **TOY PROJECTILE WITH SELF-CONTAINED PROPULSION DEVICE**
[54] **PROJECTILE JOUET DOTE D'UN DISPOSITIF DE PROPULSION AUTONOME**
[72] DUKOFF, CLAYTON ALEXANDER, CA
[71] DUKE INNOVATIONS INC., CA
[22] 2016-02-09
[41] 2017-02-28
[30] CA (2,902,475) 2015-08-28

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[51] **Int.Cl. E03B 7/12 (2006.01)**
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[54] **PIPE FREEZE-PREVENTION SYSTEM**
[54] **SYSTEME DE PREVENTION DE CONGELATION DE TUYAU**
[72] HAUN, ROBERT VERNON, SR., US
[71] HAUN, ROBERT VERNON, SR., US
[22] 2016-02-11
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[30] US (14/837,416) 2015-08-27

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[51] **Int.Cl. C12N 7/01 (2006.01) C12N 5/078 (2010.01) A61K 35/76 (2015.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01) C12N 15/45 (2006.01) C12N 15/62 (2006.01) C12N 15/86 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **RNA VIRUSES FOR IMMUNOVIROTHERAPY**
[54] **VIRUS D'ARN DESTINES A L'IMMUNOVIROTHERAPIE**
[72] UNGERECHTS, GUY, DE
[72] SPECK, TOBIAS, DE
[72] ENGELAND, CHRISTINE, DE
[72] BOSSOW, SASCHA, DE
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM, DE
[71] RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG, DE
[22] 2016-02-25
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[25] EN
[54] **METHOD AND CUT GUIDE FOR BIPLANAR WEDGE OSTEOTOMY**
[54] **METHODE ET GUIDE DE COUPE DESTINES A L'OSTEOTOMIE DU RADIUS BIPLANAIRE**
[72] AWTREY, GEORGE MATTHEW, US
[72] PATEL, VINAY D., US
[72] ARMACOST, SCOTT A., US
[72] MCCOMBS-STEARNES, MARY, US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
[22] 2016-03-22
[41] 2017-03-02
[30] US (14/842,944) 2015-09-02

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[25] EN
[54] **WHEEL MOTOR COOLING SYSTEM WITH EQUALLY DIVIDED FLOW**
[54] **SYSTEME DE REFROIDISSEMENT DE MOTEUR DE ROUE A DEBIT DIVISE EGALEMENT**
[72] CARON, LAVERNE ANDREW, US
[72] MEARS, KEITH, US
[72] ZHANG, SHUO, US
[71] FAIRFIELD MANUFACTURING COMPANY, INC., US
[22] 2016-03-29
[41] 2017-02-28
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[51] **Int.Cl. A47L 9/16 (2006.01)**
[25] EN
[54] **CYCLONE SEPARATING DEVICE, DUST COLLECTING ASSEMBLY AND CLEANER**
[54] **DISPOSITIF DE SEPARATION CYCLONIQUE, APPAREILLAGE DE COLLECTE DE POUSSIERE ET APPAREIL DE NETTOYAGE**
[72] GU, YOUWEI, CN
[72] GUO, YIJUN, CN
[71] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN
[71] MIDEA GROUP CO., LTD., CN
[22] 2016-04-25
[41] 2017-02-28
[30] CN (201510542071.9) 2015-08-28
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[13] A1
[51] **Int.Cl. B26B 1/08 (2006.01)**
[25] EN
[54] **FULL METAL CUTTER KNIFE**
[54] **COUTEAU DE COUPE DE METAL PLEIN**
[72] WATANABE, TOSHIYUKI, JP
[72] MASUDA, MINORU, JP
[72] TAKASHIMA, YOSUKE, JP
[71] OLFA CORPORATION, JP
[22] 2016-04-25
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[30] JP (2015-173102) 2015-09-02

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[51] **Int.Cl. A61N 5/02 (2006.01) A61M 37/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR DAMAGING CANCEROUS CELLS UTILIZING RADIO FREQUENCY WAVES IN HEATING WITH HEATING ENHANCED BY INFUSION OR INJECTION OF GLUCOSE**
[54] **APPAREIL SERVANT A ENDOMMAGER DES CELLULES CANCEREUSES AU MOYEN D'ONDES DE FREQUENCES RADIO PAR CHAUFFAGE AU MOYEN DE CHAUFFAGE AMELIORE PAR INFUSION OU INJECTION DE GLUCOSE**
[72] ROSEN, HOWARD, CA
[71] ROSEN, HOWARD, CA
[22] 2016-05-06
[41] 2017-03-04
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[51] **Int.Cl. A61K 31/09 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CO-TARGETING ANDROGEN RECEPTOR SPLICE VARIANTS AND MTOR SIGNALING PATHWAY FOR THE TREATMENT OF CASTRATION-RESISTANT PROSTATE CANCER**
[54] **CO-CIBLAGE DE VARIANTS D'EPISSAGE DE RECEPTEUR D'ANDROGENE ET CHEMIN DE SIGNALEMENT DE MTOR EN VUE DU TRAITEMENT DU CANCER DE LA PROSTATE RESISTANT A LA CASTRATION**
[72] SADAR, MARIANNE DOROTHY, CA
[72] WANG, JUN, CA
[72] MAWJI, NASRIN R., CA
[72] KATO, MINORU, JP
[71] BRITISH COLUMBIA CANCER AGENCY BRANCH, CA
[22] 2016-05-09
[41] 2017-03-02
[30] US (62/213,506) 2015-09-02
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[13] A1
[51] **Int.Cl. B64D 13/04 (2006.01)**
[25] EN
[54] **HYBRID PASSIVE/ACTIVE PRESSURE PREVENTION SYSTEM**
[54] **SYSTEME DE PREVENTION DE PRESSION ACTIVE/PASSIVE HYBRIDE**
[72] PETERSON, WAYNE H., US
[72] MCDONALD, MICHAEL E., US
[72] FLEMING, MICHAEL A., US
[72] KIM, SUN GIL, US
[71] THE BOEING COMPANY, US
[22] 2016-05-09
[41] 2017-02-28
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[13] A1
[51] **Int.Cl. B65D 47/06 (2006.01)**
[25] EN
[54] **COMBINED CONTAINER AND CLOSURE**
[54] **CONTENANT ET DISPOSITIF DE FERMETURE COMBINES**
[72] NIGGEL, BRETT, US
[72] SANGUINET, ANDREW, US
[71] BERLIN PACKAGING, LLC, US
[22] 2016-05-11
[41] 2017-02-28
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[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 20/40 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **MOBILE CHECKOUT SYSTEMS AND METHODS**
[54] **SYSTEMES DE FIN DE TRANSACTION MOBILE ET METHODES**
[72] GRAYLIN, WILLIAM WANG, US
[72] LI, MAN HO, CN
[72] TANG, JIMMY TAI KWAN, CN
[71] SAMSUNG PAY, INC., US
[22] 2016-05-20
[41] 2017-02-27
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[25] EN
[54] **WINCH-WINDING ASSEMBLY FOR FLATBED WINCHES**
[54] **APPAREIL D'ENROULAGE A TREUIL POUR TREUIL DE PLATEFORME**
[72] BUJOLD, HERMEL, CA
[72] FORTIN, JACQUES, CA
[72] GIRARD, VINCENT, CA
[72] THERIAULT, PIERRE, CA
[72] TAILLON, MICHEL, CA
[71] USINAGE NUMERIQUE H.B. INC., CA
[22] 2016-05-19
[41] 2017-03-01
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[13] A1
[51] **Int.Cl. A61K 47/36 (2006.01) A61K 9/14 (2006.01) A61K 33/26 (2006.01) A61P 1/10 (2006.01) A61P 7/06 (2006.01)**
[25] EN
[54] **IRON-POLYSACCHARIDE COMPLEXES AND METHODS FOR THE PREPARATION THEREOF**
[54] **COMPLEXES FER-POLYSACCHARIDE ET METHODES DE PREPARATION ASSOCIEES**
[72] BRADY, PAUL, US
[72] CROMACK, KEITH, US
[71] PARTICLE DYNAMICS INTERNATIONAL, LLC, US
[22] 2016-06-02
[41] 2017-03-01
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[51] **Int.Cl. B29C 65/54 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SEALANT INJECTION MOLDING**
[54] **SYSTEMES ET METHODES DE MOULAGE PAR INJECTION DE SCELLANT**
[72] ERICKSON, CHRIS J., US
[71] THE BOEING COMPANY, US
[22] 2016-06-10
[41] 2017-02-28
[30] US (14/839017) 2015-08-28

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[13] A1
[51] **Int.Cl. G02C 5/12 (2006.01) A42B 3/04 (2006.01) G02C 5/16 (2006.01)**
[25] EN
[54] **SAFETY GLASSES DEPLOYMENT SYSTEM**
[54] **MECANISME DE DEPLOIEMENT DE VERRES DE SECURITE**
[72] JENKINS, BRIAN DENNIS, US
[71] JENKINS, BRIAN DENNIS, US
[22] 2016-06-22
[41] 2017-03-04
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[51] **Int.Cl. B60K 1/04 (2006.01) B60L 11/18 (2006.01) B60R 21/00 (2006.01)**
[25] EN
[54] **FUEL CELL VEHICLE**
[54] **VEHICULE A PILE A COMBUSTIBLE**
[72] MURATA, SHIGEAKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2016-06-22
[41] 2017-03-04
[30] JP (2015-174483) 2015-09-04

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[51] **Int.Cl. A63B 67/10 (2006.01)**
[25] EN
[54] **TETHERED BALL GAME DEVICE**
[54] **DISPOSITIF DE JEU DE BALLE ATTACHEE**
[72] LEMONDE, ROGER, RL., CA
[71] LEMONDE, ROGER, RL., CA
[22] 2016-06-23
[41] 2017-02-26
[30] GB (1515119.4) 2015-08-26

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[51] **Int.Cl. F01D 25/16 (2006.01) F01D 25/18 (2006.01) F02C 7/06 (2006.01) F02C 7/28 (2006.01)**
[25] EN
[54] **HYDRODYNAMIC SEALS IN BEARING COMPARTMENTS OF GAS TURBINE ENGINES**
[54] **JOINTS HYDRODYNAMIQUES DANS LES COMPARTIMENTS DE PALIER DE MOTEURS DE TURBINE A GAZ**
[72] FANG, NING, US
[72] WOLFER, SCOTT, US
[72] RECORD, ADAM MITCHELL, US
[72] REMER, JONATHAN K., US
[72] SCHNEIDER, DARYL SCOTT, US
[72] MILLER, JACOB PATRICK, US
[72] SNOW, KYLE ROBERT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-06-23
[41] 2017-03-04
[30] US (14/845,625) 2015-09-04

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[51] **Int.Cl. B23K 9/04 (2006.01) B33Y 10/00 (2015.01) B33Y 30/00 (2015.01) B33Y 70/00 (2015.01) B33Y 80/00 (2015.01) B23K 9/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ADDITIVE MANUFACTURING USING ALUMINUM METAL-CORED WIRE**
[54] **SYSTEMES ET METHODES DE FABRICATION ADDITIVE AU MOYEN DE FIL A NOYAU METALLIQUE D'ALUMINIUM**
[72] BERUBE, PATRICK, US
[72] BRAMER, GREGORY J., US
[71] HOBART BROTHERS COMPANY, US
[22] 2016-06-27
[41] 2017-02-28
[30] US (14/839,420) 2015-08-28

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[51] **Int.Cl. B32B 15/00 (2006.01) B32B 33/00 (2006.01) B32B 37/00 (2006.01) B64C 1/00 (2006.01)**
[25] EN
[54] **METHODS, SYSTEMS AND APPARATUS FOR LINING AN AIRCRAFT CARGO COMPARTMENT**
[54] **METHODES, SYSTEMES ET APPAREIL DESTINES A RECOUVRIR L'INTERIEUR D'UN COMPARTIMENT DE FRET D'UN AERONEF**
[72] SLATON, DANIEL B., US
[72] ANGLIN, MATTHEW ALLEN, US
[71] THE BOEING COMPANY, US
[22] 2016-06-30
[41] 2017-02-27
[30] US (14/837,394) 2015-08-27

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[51] **Int.Cl. H04W 76/02 (2009.01) H04W 12/02 (2009.01) H04W 12/06 (2009.01) H04B 5/00 (2006.01)**
[25] EN
[54] **COMMUNICATION DEVICE, METHOD AND SYSTEM FOR ESTABLISHING COMMUNICATIONS USING THE SUBSCRIBER IDENTITY DATA OF ANOTHER COMMUNICATION DEVICE**
[54] **DISPOSITIF DE COMMUNICATION, METHODE ET SYSTEME D'ETABLISSEMENT DE COMMUNICATION AU MOYEN DE DONNEES D'IDENTITE D'ABONNE D'UN AUTRE DISPOSITIF DE COMMUNICATION**
[72] LOMBARDI, ROBERT JOSEPH, CA
[72] MULAOSMANOVIC, JASMIN, CA
[71] BLACKBERRY LIMITED, CA
[22] 2016-06-30
[41] 2017-03-04
[30] US (14/845,523) 2015-09-04

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[51] **Int.Cl. H04L 12/861 (2013.01) H04L 12/701 (2013.01) H04L 29/02 (2006.01)**
[25] EN
[54] **ACTION EXECUTION ARCHITECTURE FOR VIRTUALIZED TECHNICAL COMPONENTS**
[54] **ARCHITECTURE D'EXECUTION D'ACTION DESTINEE A DES COMPOSANTES TECHNIQUES VIRTUALISEES**
[72] DUELL, MARK, GB
[72] MYERS, THOMAS W., US
[72] CANTWELL, JACK Q.W., US
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[22] 2016-07-06
[41] 2017-02-27
[30] US (14/837,959) 2015-08-27

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[13] A1
[51] **Int.Cl. G05B 19/042 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **ELECTRICAL DEVICE WITH ASSOCIATED SETTINGS AND SYSTEM INCLUDING THE SAME**
[54] **DISPOSITIF ELECTRIQUE ET PARAMETRES ASSOCIES, ET SYSTEME RENFERMANT LEDIT DISPOSITIF**
[72] EL-GAYYAR, AHMED, US
[71] EATON CORPORATION, US
[22] 2016-07-11
[41] 2017-03-04
[30] US (14/845,498) 2015-09-04

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[51] **Int.Cl. G05B 19/042 (2006.01) H04W 84/18 (2009.01) H05B 37/02 (2006.01) H05B 39/04 (2006.01) H05B 41/36 (2006.01)**
[25] EN
[54] **ELECTRICAL DEVICE, NETWORK AND METHOD OF CONTROLLING THE SAME**
[54] **DISPOSITIF ELECTRIQUE, RESEAU ET METHODE DE CONTROLE ASSOCIEE**
[72] EL-GAYYAR, AHMED, US
[71] EATON CORPORATION, US
[22] 2016-07-11
[41] 2017-03-04
[30] US (14/845,441) 2015-09-04

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[13] A1
[51] **Int.Cl. F23R 3/46 (2006.01) F01D 25/12 (2006.01) F02C 3/14 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **COMBUSTOR COOLING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT DE CHAMBRE DE COMBUSTION**
[72] PATEL, BHAWAN, CA
[72] MORENKO, OLEG, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-07-13
[41] 2017-02-26
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[13] A1
[51] **Int.Cl. D06F 58/22 (2006.01) A47L 25/00 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR ADHESIVE-BASED REMOVAL OF PET HAIR, LINT OR OTHER DEBRIS USING A TUMBLE DRYER**
[54] **DISPOSITIFS ET METHODES D'ELIMINATION PAR ADHESIF DE POIL D'ANIMAUX, PELUCHE OU AUTRES DEBRIS AU MOYEN D'UN APPAREIL DE SECHAGE PAR CULBUTAGE**
[72] RUCKI, BRADLEY M.C., CA
[71] RUCKI, BRADLEY M.C., CA
[22] 2016-07-15
[41] 2017-02-28
[30] US (14/840,786) 2015-08-31

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[13] A1
[51] **Int.Cl. H02B 1/26 (2006.01) H02B 1/28 (2006.01)**
[25] EN
[54] **ARRESTING SYSTEM USABLE WITH ARC-RESISTANT ELECTRICAL ENCLOSURE**
[54] **SYSTEME D'ARRET DESTINE A UNE ENCEINTE ELECTRIQUE RESISTANT A L'ARC**
[72] JOHNSON, WESLEY BYRON, US
[72] WOOLARD, DAVID GLENN, US
[71] EATON CORPORATION, US
[22] 2016-07-18
[41] 2017-02-28
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[13] A1
[51] **Int.Cl. B62D 33/02 (2006.01) B65G 69/28 (2006.01)**
[25] EN
[54] **LOADING PLATFORM FOR WHEELED VEHICLES**
[54] **PLATEFORME DE CHARGEMENT DESTINEE A DES VEHICULES SUR ROUES**
[72] DESCHENES, GUY, CA
[72] OUELLET, STEPHANE, CA
[71] SERVICE D'EQUIPEMENT G.D. INC., CA
[22] 2016-07-15
[41] 2017-02-26
[30] US (62/210,220) 2015-08-26

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[51] **Int.Cl. H02J 7/00 (2006.01) B60L 11/00 (2006.01) B60L 11/18 (2006.01) H02J 9/00 (2006.01)**
[25] EN
[54] **VEHICLE CHARGING SYSTEM**
[54] **SYSTEME DE RECHARGE DE VEHICULE**
[72] BEAN, ADAM, US
[71] R.A. PHILLIPS INDUSTRIES, INC., US
[22] 2016-07-18
[41] 2017-02-26
[30] US (14/836,925) 2015-08-26

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[13] A1
[51] **Int.Cl. F02K 1/46 (2006.01) F01D 9/02 (2006.01) F02K 1/28 (2006.01)**
[25] EN
[54] **EXHAUST MIXER WITH OUTER LOBE CONSTRAINT BAND**
[54] **MELANGEUR D'ECHAPPEMENT DOTE D'UNE BANDE DE CONTRAINTE DE LOBE EXTERIEUR**
[72] HEFFERNAN, TAB M., US
[72] PESYNA, KENNETH M., US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[22] 2016-07-21
[41] 2017-02-27
[30] US (62/210,642) 2015-08-27

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[13] A1
[51] **Int.Cl. A61K 35/35 (2015.01) A61B 34/30 (2016.01) A61B 10/04 (2006.01) A61L 27/36 (2006.01) A61M 37/00 (2006.01) A61P 17/02 (2006.01) C12N 5/077 (2010.01) A61B 17/94 (2006.01)**
[25] EN
[54] **SURGICAL METHODS/DEVICES FOR TISSUE INJURY REMOVAL BY TATTOOING OF AUTOLOGOUS STEM CELLS**
[54] **METHODES/APPAREILS CHIRURGICAUX DESTINES A L'ENLEVEMENT DE TISSUS BLESSES PAR TATOUAGE DE CELLULES SOUCHES AUTOLOGUES**
[72] PACIFICI, ALVARO, IT
[72] CECCHETTI, LEONARDO, IT
[72] CECCHETTI, WALTER, IT
[71] PACIFICI, ALVARO, IT
[71] CECCHETTI, LEONARDO, IT
[71] CECCHETTI, WALTER, IT
[22] 2016-07-21
[41] 2017-02-28
[30] US (14/839,950) 2015-08-29

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[51] **Int.Cl. F16H 29/12 (2006.01) B25B 13/46 (2006.01)**
[25] EN
[54] **RATCHET WRENCH AND PAWL MECHANISM**
[54] **CLE A MOLETTE ET MECANISME DE CLIQUET**
[72] THOMPSON, CHRISTOPHER, US
[72] EGGERT, DANIEL, US
[71] SNAP-ON INCORPORATED, US
[22] 2016-07-25
[41] 2017-02-28
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[13] A1
[51] **Int.Cl. F02C 7/06 (2006.01) F01D 25/16 (2006.01) F01D 25/18 (2006.01)**
[25] EN
[54] **MAGNETIC SQUEEZE FILM DAMPER SYSTEM FOR A GAS TURBINE ENGINE**
[54] **SYSTEME DE VOLET A PELLICULE DE COMPRESSION MAGNETIQUE DESTINE A UN MOTEUR DE TURBINE A GAZ**
[72] COPELAND, ANDREW D., US
[72] BURNS, DONALD W., US
[72] CLEMENS, STANFORD O., US
[72] COOKERLY, ALAN B., US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
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[41] 2017-03-01
[30] US (14/841,754) 2015-09-01

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[13] A1
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[25] EN
[54] **GENERATING VISUALIZATIONS FOR DISPLAY ALONG WITH VIDEO CONTENT**
[54] **GENERATION DE VISUALISATIONS POUR UN AFFICHEUR PARALLELEMENT AU CONTENU VIDEO**
[72] BYNOE, JOSEPH, US
[72] MICHAEL, KELVIN, CA
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[22] 2016-07-26
[41] 2017-02-28
[30] US (14/839,438) 2015-08-28

[21] **2,937,560**
[13] A1
[51] **Int.Cl. B23K 35/24 (2006.01) B23K 35/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR WELDING WIRES FOR WELDING ZINC-COATED WORKPIECES**
[54] **SYSTEMES ET METHODES DE SOUDURE DE FIL EN VUE DE SOUDES DES PIECES DE TRAVAIL REVETUES DE ZINC**
[72] AMATA, MARIO ANTHONY, US
[72] THOMAS, SINDHU HILARY, US
[72] BUNDY, JOSEPH C., US
[72] HEFLIN-KING, TRE' DORELL, US
[72] BARHORST, STEVEN EDWARD, US
[71] HOBART BROTHERS COMPANY, US
[22] 2016-08-02
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[30] US (62/213,837) 2015-09-03
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[54] **COIN CELL AND METHOD FOR PRODUCING SUCH COIN CELL**
[54] **PILE EN FORME DE PIECE DE MONNAIE ET METHODE DE PRODUCTION DE LA PILE EN FORME DE PIECE DE MONNAIE**
[72] WANG, XIAOJUN, CH
[72] GULDIMANN, MARCEL, CH
[72] HAERING, PASCAL, CH
[71] RENATA AG, CH
[22] 2016-08-02
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[25] EN
[54] **SYSTEMS AND METHODS FOR BI-DIRECTIONAL VISUAL SCRIPTING FOR PROGRAMMING LANGUAGES**
[54] **SYSTEMES ET METHODES D'ECRITURE VISUELLE BIDIRECTIONNELLE DESTINES AUX LANGAGES DE PROGRAMMATION**
[72] SALEH, BASTIAAN BRUNO, NL
[72] GATIEN, BENOIT, CA
[72] ENGLISH, TROY DAVID, CA
[71] ROSS VIDEO LIMITED, CA
[22] 2016-08-04
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[54] **LUBRICATING OIL COMPOSITIONS**
[54] **COMPOSITIONS D'HUILE LUBRIFIANTE**
[72] MARSH, ADAM PAUL, GB
[72] MALE, NIGEL ANTHONY, GB
[72] HARTLEY, JOSEPH PETER, GB
[71] INFINEUM INTERNATIONAL LIMITED, GB
[22] 2016-08-05
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[54] **TRUSTING INTERMEDIATE CERTIFICATE AUTHORITIES**
[54] **AUTORITES DE CERTIFICAT INTERMEDIAIRE DE CONFIANCE**
[72] CANDELORE, BRANT, US
[71] SONY CORPORATION, JP
[22] 2016-08-05
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[30] US (14/837,634) 2015-08-27

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[25] EN
[54] **PISTON ACCUMULATOR WITH INTEGRATED CYLINDER ROD**
[54] **ACCUMULATEUR A PISTON DOTE D'UNE TIGE DE CYLINDRE INTEGREE**
[72] MARO, RANDALL A., US
[71] DEERE & COMPANY, US
[22] 2016-08-08
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[51] **Int.Cl. F02K 1/78 (2006.01) F01D 9/02 (2006.01) F01D 25/30 (2006.01)**
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[54] **COANDA DEVICE FOR A ROUND EXHAUST NOZZLE**
[54] **DISPOSITIF COANDA DESTINE A UNE BUSE D'ECHAPPEMENT RONDE**
[72] SUTTERFIELD, DAVID L., US
[72] LERG, BRYAN H., US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[22] 2016-08-09
[41] 2017-02-28
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[51] **Int.Cl. E21B 34/14 (2006.01)**
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[54] **REVERSE FLOW SLEEVE ACTUATION METHOD**
[54] **METHODE D'ACTIONNEMENT DE MANCHON A ECOULEMENT INVERSE**
[72] SNIDER, PHILIP M., US
[72] WESSON, DAVID S., US
[71] GEODYNAMICS, INC., US
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[41] 2017-02-26
[30] US (62/210,244) 2015-08-26
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[25] EN
[54] **INCONSISTENT FIELD-BASED PATCH LOCATION COORDINATE CORRECTION**
[54] **CORRECTION DE COORDONNEES D'EMPLACEMENT DE PIECE FONDEE SUR UN CHAMP INCOHERENT**
[72] LUDWIN, DORON MOSHE, IL
[72] PERI, EITAN, IL
[72] TURGEMAN, AHARON, IL
[72] ROSENBERG, AVIGDOR, IL
[72] SCHECHTER, MENACHEM, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[25] EN
[54] **BURNER PANELS INCLUDING DRY-TIP BURNERS, SUBMERGED COMBUSTION MELTERS, AND METHODS**
[54] **PANNEAUX DE BRULEUR COMPORTANT DES BRULEURS A POINTE SECHE, DES POTS DE FUSION A COMBUSTION SUBMERGEE, ET METHODES**
[72] LUKA, MICHAEL WILLIAM, US
[72] BAKER, JOHN WAYNE, US
[71] JOHNS MANVILLE, US
[22] 2016-08-11
[41] 2017-02-27
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[25] EN
[54] **METHOD FOR PROVIDING FLIGHT MANAGEMENT SYSTEM DATA TO PERIPHERAL DEVICES**
[54] **METHODE DE FOURNITURE DE DONNEES DE SYSTEME DE GESTION DE VOL A DES APPAREILS PERIPHERIQUES**
[72] GUNN, PETER D., US
[72] MURRAY, DANIEL J., US
[72] NESS, PATRICIA SUZAN, US
[72] CORNELL, BRADLEY D., US
[72] YOUNKIN, KATIE, US
[71] THE BOEING COMPANY, US
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[54] **METHOD FOR PRODUCING BUILDING MATERIAL**
[54] **PROCEDE DE PRODUCTION DE MATERIAU DE CONSTRUCTION**
[72] TAGUCHI, HIROYUKI, JP
[72] MURASE, MIHO, JP
[71] NICHIHA CORPORATION, JP
[22] 2016-08-11
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[51] **Int.Cl. B64C 19/00 (2006.01) B64D 45/00 (2006.01)**
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[54] **AIRCRAFT STALL PROTECTION SYSTEM**
[54] **SYSTEME DE PROTECTION CONTRE L'ARRET DE MOTEUR D'UN AERONEF**
[72] LEOPOLD, DAVID DANIEL, US
[72] WILSON, DOUGLAS LEE, US
[72] MILLS, NIKOS DAMIAN, US
[71] THE BOEING COMPANY, US
[22] 2016-08-11
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[51] **Int.Cl. G02C 7/04 (2006.01)**
[25] EN
[54] **ROTATIONALLY STABILZED CONTACT LENS WITH IMPROVED COMFORT AND METHOD OF OPTIMIZATION**
[54] **LENTILLE DE CONTACT STABILISEE PAR ROTATION OFFRANT UN CONFORT AMELIORE ET METHODE D'OPTIMISATION**
[72] GERLIGAND, PIERRE-YVES, US
[72] JUBIN, PHILIPPE F., US
[72] TOKARSKI, JASON M., US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
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[41] 2017-02-26
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[51] **Int.Cl. H02J 7/00 (2006.01) H01R 13/46 (2006.01) H01R 13/66 (2006.01)**
[25] EN
[54] **POWER RECEPTACLES WITH INTERNAL CHAMBERS FOR RELEASABLY HOLDING PORTABLE POWER DEVICES**
[54] **RECEPTACLES D'ALIMENTATION DOTES DE CHAMBRES INTERNES SERVANT A MAINTENIR TEMPORAIREMENT LES DISPOSITIFS D'ALIMENTATION PORTABLES**
[72] GOYAL, RAHUL NATWAR, US
[72] KUMAR, PRAMOD, US
[71] EATON CORPORATION, US
[22] 2016-08-10
[41] 2017-02-26
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[25] EN
[54] **FLOW CONTROL SYSTEM FOR AN AGRICULTURAL METERING SYSTEM**
[54] **MECANISME DE CONTROLE D'ECOULEMENT POUR SYSTEME DE DOSAGE AGRICOLE**
[72] THOMPSON, DENNIS GEORGE, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2016-08-15
[41] 2017-02-28
[30] US (14/841,513) 2015-08-31

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[51] **Int.Cl. A61B 34/20 (2016.01) A61B 18/14 (2006.01)**
[25] EN
[54] **IDENTIFYING AND PRESENTING SUSPECTED MAP SHIFTS**
[54] **DETERMINATION ET PRESENTATION DE DECALAGES DE PLAN SUSPECTES**
[72] LUDWIN, DORON MOSHE, IL
[72] PERI, EITAN, IL
[72] TURGEMAN, AHARON, IL
[72] ROSENBERG, AVIGDOR, IL
[72] SCHECHTER, MENACHEM, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-08-12
[41] 2017-03-04
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[54] **FIELD-BASED LOCATION COORDINATE CORRECTION**
[54] **CORRECTION DE COORDONNEES D'EMPLACEMENT FONDEE SUR UN CHAMP INCOHERENT**
[72] LUDWIN, DORON, IL
[72] PERI, EITAN, IL
[72] ZINO, ELIAHU, IL
[72] BAR-TAL, MEIR, IL
[72] RAZ, SHAUL HAIM, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-08-12
[41] 2017-03-04
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[25] EN
[54] **RETAINING DEVICE FOR VEHICLE RACKS**
[54] **DISPOSITIF DE RETENUE POUR SUPPORTS DE VEHICULE**
[72] BENEDICT, TIMOTHY, US
[72] LANE, JEFFREY, US
[71] ARCTIC CAT INC., US
[22] 2016-08-11
[41] 2017-03-04
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[51] **Int.Cl. A47L 13/34 (2006.01) A46B 15/00 (2006.01)**
[25] EN
[54] **TWISTED WIRE BRUSH AND METHOD OF MAKING**
[54] **BROSSE A FILS TORDUS ET METHODE DE FABRICATION**
[72] GUNJIAN, ZAVEN, US
[71] BRUSHTECH, INC., US
[22] 2016-08-16
[41] 2017-02-28
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[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **AGRICULTURAL METERING SYSTEM HAVING A MAGNETORHEOLOGICAL FLUID CLUTCH ASSEMBLY**
[54] **SYSTEME DE DOSAGE AGRICOLE COMPORTANT UN MECANISME D'EMBRAYAGE A FLUIDE MAGNETORHEOLOGIQUE**
[72] HENRY, JAMES WAYNE, CA
[72] NOBLE, SCOTT DAVID, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2016-08-16
[41] 2017-02-28
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[51] **Int.Cl. A01C 7/08 (2006.01) A01C 5/06 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **METERING SYSTEM FOR AN AGRICULTURAL VEHICLE**
[54] **SYSTEME DE DOSAGE DESTINE A UN VEHICULE AGRICOLE**
[72] THOMPSON, DENNIS GEORGE, CA
[72] CHAHLEY, DENNIS W., CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
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[54] **AUTOMATIC ENT SURGERY PREPLANNING USING A BACKTRACKING MAZE PROBLEM SOLUTION**
[54] **PREPLANIFICATION DE CHIRURGIE ENT AUTOMATIQUE AU MOYEN DE LA SOLUTION AU PROBLEME DE LABYRINTHE PENETRE PAR LA SORTIE**
[72] MASSARWI, FADY, IL
[72] ZOABI, AKRAM, IL
[72] BUSTAN, ITAMAR, IL
[72] GLINER, VADIM, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[54] **ANTI-ALIASING PHOTODETECTOR SYSTEM**
[54] **SYSTEME DE PHOTODETECTEUR ANTI-CRENELAGE**
[72] SCHWEIKERT, ROBERT KARL, US
[72] HOGGARTH, STEPHEN PHILLIP, US
[72] BARROWS, CORY KENNETH, US
[72] HUMPHREYS, SCOTT ROBERT, US
[72] TONER, ADAM WALTER, US
[72] PUGH, RANDALL BRAXTON, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
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[25] EN
[54] **GAS CYLINDER AND BUNDLE OF GAS CYLINDERS**
[54] **BOUTEILLE DE GAZ ET GROUPEMENT DE BOUTEILLES DE GAZ**
[72] COLA, GIAN LUIGI, IT
[72] BAUNE, EMMANUEL, FR
[72] ARNAUD, GUILLAUME, FR
[72] BURGIN, PAUL, GB
[72] BARTHELEMY, HERVE, FR
[71] L'AIR LIQUIDE,SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[71] AIR LIQUIDE OIL AND GAS SERVICES LIMITED, GB
[71] FABER INDUSTRIE S.P.A., IT
[22] 2016-08-15
[41] 2017-03-04
[30] EP (15183964.4) 2015-09-04

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[51] **Int.Cl. F02C 7/12 (2006.01) F01D 25/12 (2006.01) F23R 3/00 (2006.01)**
[25] EN
[54] **INTERNALLY COOLED DILUTION HOLE BOSSES FOR GAS TURBINE ENGINE COMBUSTORS**
[54] **BOSSAGES DE TROU DE DILUTION A REFROIDISSEMENT INTERNE DESTINES AUX COMBUSTORS DE MOTEUR DE TURBINE A GAZ**
[72] PAPPLE, MICHAEL, CA
[72] LAO, SI-MAN AMY, CA
[72] SREEKANTH, SRI, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-08-16
[41] 2017-03-02
[30] US (14/843,197) 2015-09-02

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[13] A1
[51] **Int.Cl. C03B 5/235 (2006.01) F23D 14/20 (2006.01)**
[25] EN
[54] **BURNER PANELS, SUBMERGED COMBUSTION MELTERS, AND METHODS**
[54] **PANNEAUX DE BRULEUR, APPAREILS DE FONTE A COMBUSTION SUBMERGEE, ET METHODES**
[72] BAKER, JOHN WAYNE, US
[72] LUKA, MICHAEL WILLIAM, US
[72] MCCANN, JONATHAN, US
[72] HUBER, AARON MORGAN, US
[72] CHARBONNEAU, MARK WILLIAM, US
[72] SEGAR, PAUL OSCAR, US
[72] GRAF, JAMES E., US
[71] JOHNS MANVILLE, US
[22] 2016-08-18
[41] 2017-02-27
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[51] **Int.Cl. G06F 21/57 (2013.01)**
[25] EN
[54] **CONTEXTUALIZATION OF THREAT DATA**
[54] **CONTEXTUALISATION DE DONNEES DE MENACE**
[72] HOVOR, ELVIS, US
[72] ROZMIAREK, DAVID WILLIAM, US
[72] BURKETT, ROBIN LYNN, US
[72] CARVER, MATTHEW, US
[72] EL-SHARKAWI, MOHAMED H., US
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[22] 2016-08-18
[41] 2017-02-28
[30] US (14/841,048) 2015-08-31

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[13] A1
[51] **Int.Cl. C04B 35/80 (2006.01) C04B 35/577 (2006.01) C04B 35/653 (2006.01)**
[25] EN
[54] **CERAMIC MATRIX COMPOSITE INCLUDING SILICON CARBIDE FIBERS IN A CERAMIC MATRIX COMPRISING A MAX PHASE COMPOUND**
[54] **COMPOSITE DE MATRICE CERAMIQUE COMPORTANT DES FIBRES EN CARBURE DE SILICIUM DANS UNE MATRICE CERAMIQUE COMPORTANT UN COMPOSANT EN PHASE MAX**
[72] HARRIS, STEPHEN, US
[72] SHINAVSKI, ROBERT, US
[71] ROLLS-ROYCE HIGH TEMPERATURE COMPOSITES, INC., US
[22] 2016-08-18
[41] 2017-02-28
[30] US (62/211326) 2015-08-28

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[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 3/14 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **GENERATING INTERACTIVELY MAPPED DATA VISUALIZATIONS**
[54] **GENERATION DE VISUALISATION DE DONNEES CARTOGRAPHIEES DE MANIERE INTERACTIVE**
[72] BYNOE, JOSEPH, US
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[22] 2016-08-19
[41] 2017-02-28
[30] US (14/839,032) 2015-08-28

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[13] A1
[51] **Int.Cl. B07C 5/02 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS IN EVALUATING AND SELECTING A COMBINATION OF SHIPPING PACKAGES**
[54] **METHODES ET SYSTEMES D'EVALUATION ET DE SELECTION D'UNE COMBINAISON D'EMBALLAGES D'EXPEDITION**
[72] ZHANG, LU, US
[71] WAL-MART STORES, INC., US
[22] 2016-08-18
[41] 2017-02-28
[30] US (62/212,313) 2015-08-31

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[13] A1
[51] **Int.Cl. E21B 34/14 (2006.01)**
[25] EN
[54] **HYDRAULIC DELAY TOE VALVE SYSTEM AND METHOD**
[54] **MECANISME DE SOUPAPE A BUTEE A DELAIS HYDRAULIQUE**
[72] GEORGE, KEVIN R., US
[72] ROLLINS, JAMES A., US
[72] HARDESTY, JOHN T., US
[72] WESSON, DAVID S., US
[71] GEODYNAMICS, INC., US
[22] 2016-08-22
[41] 2017-02-28
[30] US (14/840,473) 2015-08-31

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[13] A1
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 34/12 (2006.01)**
[25] EN
[54] **HYDRAULIC DELAY TOE VALVE SYSTEM AND METHOD**
[54] **MECANISME DE SOUPAPE A BUTEE A DELAIS HYDRAULIQUE**
[72] GEORGE, KEVIN R., US
[71] GEODYNAMICS, INC., US
[22] 2016-08-22
[41] 2017-02-28
[30] US (14/841,245) 2015-08-31

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[13] A1
[51] **Int.Cl. B25C 1/00 (2006.01) B25C 1/04 (2006.01) B25C 7/00 (2006.01)**
[25] EN
[54] **NAIL GUN ASSEMBLY INCLUDING GUIDE**
[54] **ENSEMBLE DE CLOUEUSE COMPORTANT UN GUIDE**
[72] KYOUNGSU, STEPHEN YOO, US
[72] DEL, ALLEN WAGNER, US
[71] VIPER INDUSTRIAL PRODUCTS, INC., US
[71] PECO PALLET, INC., US
[22] 2016-08-22
[41] 2017-03-01
[30] US (62/212,724) 2015-09-01

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[51] **Int.Cl. E05G 1/00 (2006.01) F25D 23/12 (2006.01)**
[25] EN
[54] **SAFE**
[54] **COFFRET DE SURETE**
[72] ESTILL, JIM, CA
[72] HALL, GREGORY ALLEN THOMAS, CA
[72] CUNNINGHAM, BRYAN STUART, CA
[71] DANBY PRODUCTS LIMITED, CA
[22] 2016-08-19
[41] 2017-02-28
[30] US (62/211,765) 2015-08-29
[30] US (62/262,954) 2015-12-04

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[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR INITIALIZATION OF A WELLBORE SURVEY TOOL**
[54] **METHODE ET APPAREIL D'INITIALISATION D'UN OUTIL DE SONDAGE DE PUITS DE FORAGE**
[72] WESTON, JOHN LIONEL, GB
[72] LEDROZ, ADRIAN GUILLERMO, US
[72] WRIGHT, ERIC, GB
[71] GYRODATA, INCORPORATED, US
[22] 2016-08-22
[41] 2017-02-27
[30] US (14/838,160) 2015-08-27

[21] **2,939,671**
[13] A1
[51] **Int.Cl. F25D 23/12 (2006.01) F24C 7/02 (2006.01) F25D 11/00 (2006.01)**
[25] EN
[54] **COMBINATION APPLIANCE**
[54] **APPAREIL ELECTROMENAGER COMBINE**
[72] ESTILL, JIM, CA
[72] HALL, GREGORY ALLEN THOMAS, CA
[72] CUNNINGHAM, BRYAN STUART, CA
[72] O'BRIEN, DENNIS, CA
[71] DANBY PRODUCTS LIMITED, CA
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[25] EN
[54] **ADJUSTABLE GUIDED RAKE APPARATUS AND METHOD**
[54] **DISPOSITIF DE RACLEUR GUIDE AJUSTABLE ET METHODE**
[72] GREEN, DARREN, CA
[71] GREEN, DARREN, CA
[22] 2016-08-18
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[30] CA (2,902,077) 2015-08-31

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[51] **Int.Cl. A61F 13/02 (2006.01) A61M 25/02 (2006.01)**
[25] EN
[54] **METHOD, KIT, AND TAPE FOR ATTACHING OBJECTS TO A SUBJECT**
[54] **METHODE, TROUSSE ET RUBAN SERVANT A FIXER DES OBJETS SUR UN SUJET**
[72] ARBESMAN, RAY, CA
[71] SPIDERTECH INC., CA
[22] 2016-08-22
[41] 2017-03-01
[30] US (62/212,635) 2015-09-01

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[51] **Int.Cl. A61F 5/02 (2006.01) A61F 13/02 (2006.01)**
[25] EN
[54] **PRECUT KINESIOLOGY TAPE FOR WRIST SUPPORT**
[54] **RUBAN DE KINESIOLOGIE PRECOUPE DESTINE A SUPPORTER LE POIGNET**
[72] ARBESMAN, RAY, CA
[71] SPIDERTECH INC., CA
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[41] 2017-02-28
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[51] **Int.Cl. G01K 11/32 (2006.01) G01B 11/16 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR SPATIALLY RESOLVED MEASUREMENT OF TEMPERATURE AND/OR STRAIN BY BRILLOUIN SCATTERING**
[54] **DISPOSITIF ET METHODE DE MESURE DE LA TEMPERATURE OU DE SOUCHE RESOLUE SPATIALEMENT PAR DIFFUSION DE BRILLOUIN**
[72] HILL, WIELAND, DE
[72] RATH, ALEXANDER, DE
[72] MARX, BENJAMIN, DE
[71] LIOS TECHNOLOGY GMBH, DE
[22] 2016-08-22
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[51] **Int.Cl. F04D 29/046 (2006.01) E21B 43/12 (2006.01) F04D 13/08 (2006.01) F04D 29/041 (2006.01)**
[25] EN
[54] **LOAD-LIMITING THRUST BEARING SYSTEM AND AN ASSOCIATED METHOD THEREOF**
[54] **SYSTEME DE PALIER DE BUTEE LIMITANT LA CHARGE ET UNE METHODE ASSOCIEE**
[72] DELGADO MARQUEZ, ADOLFO, US
[72] VAN DAM, JEREMY DANIEL, US
[72] SAKAMOTO, STEPHEN MASAO, US
[72] GARCIA, RENE JOSE, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. G01B 7/00 (2006.01) G01C 9/00 (2006.01) G01R 33/09 (2006.01) A61B 34/20 (2016.01)**
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[54] **MULTI-AXIS MAGNETO-RESISTANCE SENSOR PACKAGE**
[54] **ENSEMBLE CAPTEUR A RESISTANCE MAGNETIQUE MULTIAXIALE**
[72] NAGARKAR, KAUSTUBH RAVINDRA, US
[72] LORRAINE, PETER WILLIAM, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. A61M 39/18 (2006.01) A61J 1/14 (2006.01) A61J 1/20 (2006.01) A61J 1/06 (2006.01)**
[25] EN
[54] **HERMETIC CLOSING PLUG FOR A SEALED STERILE VIAL CONTAINING MEDICAL OR NUTRITIONAL ACTIVE SUBSTANCES, SUITABLE FOR THE STERILE CONNECTION TO A CONTAINER OF LIQUID DILUENT SOLUTION,AND STERILE CONNECTION SYSTEM USING SAID CLOSING PLUG**
[54] **BOUCHON HERMETIQUE DESTINE A UNE FIOLE STERILE SCELLEE CONTENANT DES SUBSTANCES ACTIVES MEDICALES OU NUTRITIONNELLES, CONVENANT POUR UNE CONNEXION STERILE A UN CONTENANT D'UNE SOLUTION DE DILUANT LIQUIDE, ET SYSTEME DE CONNEXION STERILE EMPLOYANT LEDIT BOUCHON**
[72] GOBBI FRATTINI, PAOLO GIUSEPPE, IT
[71] PAOLO GOBBI FRATTINI S.R.L., IT
[22] 2016-08-22
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[51] **Int.Cl. G06Q 10/06 (2012.01)**
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[54] **CORRELATING DATA FROM SATELLITE IMAGES WITH RETAIL LOCATION PERFORMANCE**
[54] **CORRELATION DE DONNEES D'IMAGES SATELLITES A CALCUL D'EMPLACEMENT DE DETAIL**
[72] HIGH, DONALD, US
[72] JAMISON, ALAN LEE, US
[72] ATCHLEY, MICHAEL DEAN, US
[71] WAL-MART STORES, INC., US
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[54] **DIAGNOSTIC DEVICE**
[54] **APPAREIL DE DIAGNOSTIC**
[72] ISHIKAWA, YUJI, JP
[72] YAMAMOTO, TAKASHI, JP
[72] HASEGAWA, SHIGEKI, JP
[72] KAWAHARA, SYUYA, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[25] EN
[54] **VARIABLE PITCH FAN PITCH RANGE LIMITER**
[54] **LIMITEUR DE PLAGE DE PAS DE VENTILATEUR A PAS VARIABLE**
[72] NIERGARTH, DANIEL ALAN, US
[72] MILLER, BRANDON WAYNE, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. H01L 49/00 (2006.01) G01D 5/48 (2006.01) G01L 3/06 (2006.01) H01L 23/29 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR QUARTZ WAFER BONDING**
[54] **SYSTEMES ET METHODES DE LIAISON DE GAUFRETTE AU QUARTZ**
[72] KAPUSTA, CHRISTOPHER JAMES, US
[72] AIMI, MARCO FRANCESCO, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **WORKING TOOLKIT**
[54] **TROUSSE D'OUTILS DE TRAVAIL**
[72] D'AVIGNON, GINA MARINA, ZA
[72] FORD, CEDRIC JOHN, ZA
[71] D'AVIGNON, GINA MARINA, ZA
[71] FORD, CEDRIC JOHN, ZA
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[13] A1
[51] **Int.Cl. H04R 11/02 (2006.01) G01B 7/16 (2006.01)**
[25] EN
[54] **MEMS LOUSPEAKER WITH POSITION SENSOR**
[54] **HAUT-PARLEUR MEMS DOTE DE CAPTEUR DE POSITON**
[72] RUSCONI CLERICI, ANDREA, DE
[72] BOTTONI, FERRUCCIO, AT
[71] USOUND GMBH, AU
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[51] **Int.Cl. E21B 21/06 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **SIDE EMPTYING LIQUID CONTAINING DRILL CUTTINGS TRANSPORT VESSEL**
[54] **CONTENANT DE TRANSPORT DE LIQUIDE RENFERMANT DES RESIDUS DE FORAGE A EVACUATION LATERALE**
[72] STEGER, GREGORY, CA
[72] ROSS, STAN, CA
[72] PALMER, WENDELL, CA
[71] RECOVER ENERGY SERVICES INC., CA
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[51] **Int.Cl. B25J 9/18 (2006.01)**
[25] EN
[54] **ROBOT SYSTEM AND METHOD OF OPERATING A ROBOT SYSTEM**
[54] **SYSTEME DE ROBOT ET METHODE D'EXPLOITATION D'UN SYSTEME DE ROBOT**
[72] KROHNE, INGO, DE
[72] GOEHLICH, ROBERT ALEXANDER, DE
[72] HIRANO, YOSHIYASU, JP
[72] AOKI, YUICHIRO, JP
[72] IWAHORI, YUTAKA, JP
[72] KANDA, ATSUSHI, JP
[71] AIRBUS OPERATIONS GMBH, DE
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[25] EN
[54] **MOMENT RESISTING KNEEWALL CONNECTOR**
[54] **CONNECTEUR DE PAROI DE GENOU RESISTANT AU MOMENT**
[72] DAUDET, LARRY RANDALL, US
[72] LIN, JIN-JIE, US
[72] STAUFFER, TIMOTHY M., US
[72] NGUYEN, HIEN, US
[71] SIMPSON STRONG-TIE COMPANY, INC., US
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[51] **Int.Cl. B65D 75/32 (2006.01)**
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[54] **TRAY WITH RE-CLOSEABLE LID**
[54] **PLATEAU DOTE D'UN COUVERCLE REFERMABLE**
[72] BIERY, BENJAMIN H., US
[71] BIERY CHEESE CO., US
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[51] **Int.Cl. H02J 4/00 (2006.01) H02J 9/06 (2006.01) H04L 12/10 (2006.01)**
[25] EN
[54] **POWERING AN INFORMATION DELIVERY NETWORK**
[54] **ALIMENTATION D'UN RESEAU DE LIVRAISON D'INFORMATION**
[72] MONNERAT, EDWARD DAVID, US
[72] PINCKERNELL, NICHOLAS ADAM, US
[72] LEECH, JONATHAN ALAN, US
[72] MARTUSHEV, ANDY, US
[72] MOODY, SCOTT, US
[72] LEACH, DAVID B., US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
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[30] US (14/836,377) 2015-08-26

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[51] **Int.Cl. E03D 11/16 (2006.01)**
[25] EN
[54] **UNIVERSAL HEIGHT ABSORBING TOILET SEAL**
[54] **JOINT DE TOILETTE ABSORBANT A HAUTEUR UNIVERSELLE**
[72] CORONADO, EDUARDO, MX
[72] GONZALEZ, PEDRO, MX
[72] SAMPSON, ADAM ROBERT, MX
[72] LE, TUAN VAN, MX
[72] ARKALGUD, KRISHNADITYA, MX
[71] COFLEX S.A. DE C.V., MX
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[41] 2017-03-02
[30] US (14/843,299) 2015-09-02

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[13] A1
[51] **Int.Cl. B29C 70/40 (2006.01)**
[25] EN
[54] **HYBRID COMPONENT PART COMPRISING A LOCAL STIFFENING COMPOSED OF A TWO-STAGE-CROSSLINKED POLYURETHANE-BASED FIBRE COMPOSITE MATERIAL**
[54] **PIECE DE COMPOSANTE HYBRIDE COMPORTANT UN RENFORT LOCAL COMPOSE DE MATERIAU COMPOSITE A FIBRE DE POLYURETHANE RETICULEE EN DEUX ETAPES**
[72] CRON, CHRISTINA, DE
[72] SCHMIDT, MARINA-ELENA, DE
[72] GUTMANN, TOBIAS, DE
[72] STAPPERFENNE, UWE, DE
[72] REEMERS, SANDRA, DE
[72] ICKERT, LEIF, DE
[71] EVONIK DEGUSSA GMBH, DE
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[13] A1
[51] **Int.Cl. F23R 3/42 (2006.01) F02C 3/14 (2006.01) F23R 3/60 (2006.01)**
[25] EN
[54] **COMBUSTOR ASSEMBLY FOR A TURBINE ENGINE**
[54] **ASSEMBLAGE DE COMBUSTOR DESTINE A UNE TURBINE A GAZ**
[72] BLOOM, NICHOLAS JOHN, US
[72] KIRTLEY, DANIEL, US
[72] STIEG, MICHAEL ALAN, US
[72] TOWLE, BRIAN CHRISTOPHER, US
[72] SUTTON, CHAD HOLDEN, US
[71] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **PISTON RING ASSEMBLY FOR A TURBINE ENGINE**
[54] **ASSEMBLAGE DE BAGUE DE PISTON DESTINE A UN MOTEUR DE TURBINE**
[72] BLOOM, NICHOLAS JOHN, US
[72] STIEG, MICHAEL ALAN, US
[72] TOWLE, BRIAN CHRISTOPHER, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **COMBUSTOR ASSEMBLY FOR A TURBINE ENGINE**
[54] **ASSEMBLAGE DE COMBUSTOR DESTINE A UNE TURBINE A GAZ**
[72] BLOOM, NICHOLAS JOHN, US
[72] TOWLE, BRIAN CHRISTOPHER, US
[72] STIEG, MICHAEL ALAN, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. G01V 3/20 (2006.01)**
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[54] **RESISTIVITY IMAGER WITH REDUCED BOREHOLE LOADING**
[54] **APPAREIL D'IMAGERIE DE RESISTIVITE A CHARGEMENT DE TROU DE FORAGE REDUIT**
[72] KLECKNER, DEAN DOUGLAS, GB
[72] MORYS, MARIAN, US
[71] SONDEX WIRELINE LIMITED, GB
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[51] **Int.Cl. B22F 3/105 (2006.01) B23K 26/342 (2014.01) B33Y 10/00 (2015.01) B33Y 30/00 (2015.01) B23P 15/02 (2006.01)**
[25] EN
[54] **POWDER-BED ADDITIVE MANUFACTURING DEVICES AND METHODS**
[54] **APPAREIL ET METHODE DE FABRICATION ADDITIVE DE LIT DE POUDRE**
[72] CARTER, WILLIAM THOMAS, US
[72] MEYER, MARK KEVIN, US
[72] DEAL, ANDREW DAVID, US
[72] CHEVERTON, MARK ALLEN, US
[72] KALITA, SAMAR JYOTI, US
[72] GIGLIOTTI, MICHAEL FRANCIS XAVIER, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. A44B 19/08 (2006.01) A44B 19/24 (2006.01)**
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[54] **SLIDE FASTENER**
[54] **FIXATION A COULISSE**
[72] YAMAMOTO, NARIAKI, GB
[72] CHMIELEWSKI, JACEK, GB
[71] YKK CORPORATION, JP
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[41] 2017-02-27
[30] GB (1515269.7) 2015-08-27

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[13] A1
[51] **Int.Cl. B64D 41/00 (2006.01) F01D 15/10 (2006.01) F28D 15/02 (2006.01)**
[25] EN
[54] **RAM AIR TURBINE SYSTEM**
[54] **MECANISME DE TURBINE A AIR DYNAMIQUE**
[72] HUANG, HAO, US
[72] JIA, XIAOCHUAN, US
[72] LIN, LANCHAO, US
[71] GE AVIATION SYSTEMS LLC, US
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[30] US (14/843,718) 2015-09-02

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[51] **Int.Cl. G05D 1/10 (2006.01) B64C 19/00 (2006.01)**
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[54] **FLIGHT PATH OPTIMIZATION USING NONLINEAR PROGRAMMING**
[54] **OPTIMISATION DE PARCOURS DE VOL AU MOYEN DE PROGRAMMATION NON LINEAIRE**
[72] GHAEMI, REZA, US
[72] WESTERVELT, ERIC RICHARD, US
[72] DARNELL, MARK, US
[71] GENERAL ELECTRIC COMPANY, US
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[13] A1
[51] **Int.Cl. B64C 11/32 (2006.01) B64C 11/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROPELLER PITCH CONTROL**
[54] **SYSTEME ET METHODE DESTINES AU CONTROLE DE PAS D'HELICE**
[72] TOMASZEWICZ, PIOTR WINCENTY, PL
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. F23R 3/50 (2006.01) F23R 3/60 (2006.01)**
[25] EN
[54] **COMBUSTOR ASSEMBLY FOR A TURBINE ENGINE**
[54] **ASSEMBLAGE DE COMBUSTOR DESTINE A UNE TURBINE A GAZ**
[72] BLOOM, NICHOLAS JOHN, US
[72] KIRTLEY, DANIEL, US
[72] KAHN, ADAM ROBERT, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. G01J 3/42 (2006.01) G01J 3/433 (2006.01)**
[25] EN
[54] **GAS ANALYSIS SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'ANALYSE DE GAZ**
[72] SETHUMADHAVAN, NAGAPRIYA KAVOORI, IN
[72] ROBINSON, DAVID PETER, GB
[72] POONACHA, SAMHITHA PALANGANDA, IN
[71] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **GAS TURBINE ENGINE COOLING AIR MANIFOLDS WITH SPOOLIES**
[54] **COLLECTEURS D'AIR DE REFROIDISSEMENT DE MOTEUR DE TURBINE A GAZ DOTES D'AILERONS**
[72] MANTEIGA, JOHN ALAN, US
[72] WRIGHT, SYDNEY MICHELLE, US
[72] KOSS, CHRISTOPHER RICHARD, US
[72] BOSEL, TOD KENNETH, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. G02B 6/36 (2006.01) E21B 47/135 (2012.01) E21B 47/12 (2012.01)**
[25] EN
[54] **OPTICAL FIBRE QUICK CONNECT BOX**
[54] **BOITE DE RACCORD RAPIDE DE FIBRE OPTIQUE**
[72] RATCLIFFE, JAMES DAVID, GB
[72] GILL, TIMOTHY, GB
[72] HARRIS, NEIL GEOFFREY, GB
[72] HAMBLIN, CHRISTOPHER PAUL, GB
[71] SONDEX WIRELINE LIMITED, GB
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[51] **Int.Cl. C10G 1/04 (2006.01) C10C 3/08 (2006.01)**
[25] EN
[54] **PROCESS AND APPARATUS FOR SPLITTING VAPOUR STREAMS**
[54] **PROCEDE ET APPAREIL DE DIVISION DE FLUX DE VAPEUR**
[72] WU, JIANGYING, CA
[72] PAINE, RANDY, CA
[72] GARNER, WILLIAM NICHOLAS, CA
[71] CANADIAN NATURAL RESOURCES LIMITED, CA
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[41] 2017-02-28
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[13] A1
[51] **Int.Cl. G06Q 40/08 (2012.01)**
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[54] **USER INTERFACE FOR LIFE INSURANCE VALUATION**
[54] **INTERFACE UTILISATEUR DESTINEE A L'EVALUATION DE L'ASSURANCE-VIE**
[72] KOSMOS, G. CHRIS, US
[72] BAUTISTA, AMY, US
[71] VALUE APP, LLC, US
[22] 2016-08-24
[41] 2017-02-26
[30] US (14/836,336) 2015-08-26

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[51] **Int.Cl. G06K 19/077 (2006.01)**
[25] EN
[54] **CARD AND CORRESPONDING METHOD OF MANUFACTURE**
[54] **CARTE ET METHODE CORRESPONDANTE DE FABRICATION**
[72] PAVAGEAU, STEPHANE, FR
[71] INGENICO GROUP, FR
[22] 2016-08-26
[41] 2017-02-27
[30] FR (1557984) 2015-08-27

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[13] A1
[51] **Int.Cl. C03B 3/02 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEMS, AND METHODS FOR PRE-HEATING FEEDSTOCK TO A MELTER USING MELTER EXHAUST**
[54] **APPAREILLAGE, SYSTEMES ET METHODES DE PRECHAUFFAGE DE MATIERE PREMIERE D'UN POT DE FUSION AU MOYEN DE L'ECHAPPEMENT DU POT DE FUSION**
[72] HUBER, AARON MORGAN, US
[71] JOHNS MANVILLE, US
[22] 2016-08-25
[41] 2017-03-03
[30] US (14/844,198) 2015-09-03

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **REALTIME FEEDBACK USING AFFINITY-BASED DYNAMIC USER CLUSTERING**
[54] **RETROACTION EN TEMPS REEL AU MOYEN DE GROUPEMENT D'UTILISATEURS DYNAMIQUES FONDE SUR L'AFFINITE**
[72] WEE, TIMOTHY, US
[72] KUMARA, KARTHIK, US
[72] APPLEGATE, RYAN, US
[72] HOSSEINI, MAJID, US
[71] STAPLES, INC., US
[22] 2016-08-25
[41] 2017-02-27
[30] US (62/210931) 2015-08-27
[30] US (14/981211) 2015-12-28

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[51] **Int.Cl. E04H 12/18 (2006.01)**
[25] EN
[54] **SIGNAL LIGHT APPARATUS**
[54] **APPAREIL DE SIGNAL LUMINEUX**
[72] KECK, PAUL, US
[72] BANG, NICHOLAS KENT, US
[71] LINDSAY TRANSPORTATION SOLUTIONS, INC., US
[22] 2016-08-26
[41] 2017-02-28
[30] US (14/838,435) 2015-08-28

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[13] A1
[51] **Int.Cl. F16L 15/06 (2006.01) E21B 17/042 (2006.01)**
[25] EN
[54] **THREADED JOINT**
[54] **JOINT FILETE**
[72] PERRON, STEPHANE, CA
[71] DIVERSITY TECHNOLOGIES CORPORATION, CA
[22] 2016-08-26
[41] 2017-02-27
[30] US (62/210,768) 2015-08-27

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[13] A1
[51] **Int.Cl. H02K 15/03 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR INSERTING MAGNET INTO ROTOR IRON CORE**
[54] **APPAREIL ET METHODE D'INSERTION D'UN AIMANT DANS UN NOYAU DE FER DE ROTOR**
[72] AMANO, KATSUMI, JP
[72] ISHIMATSU, HISATOMO, JP
[71] MITSUI HIGH-TEC, INC., JP
[22] 2016-08-26
[41] 2017-03-04
[30] JP (2015-174827) 2015-09-04

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[13] A1
[51] **Int.Cl. C02F 1/467 (2006.01) A61L 2/03 (2006.01) E03C 1/126 (2006.01) E03C 1/14 (2006.01)**
[25] EN
[54] **SIPHON TRAP DISINFECTION SYSTEM**
[54] **SYSTEME DE DESINFECTION DE SIPHON**
[72] ZERESHKIAN, GHOLAM HOSSEIN, CA
[71] ZERESHKIAN, GHOLAM HOSSEIN, CA
[22] 2016-08-25
[41] 2017-02-26
[30] US (14/836,716) 2015-08-26

[21] **2,940,263**
[13] A1
[51] **Int.Cl. E21B 44/00 (2006.01) E21B 7/12 (2006.01)**
[25] EN
[54] **METHODS FOR DRILLING A WELLBORE WITHIN A SUBSURFACE REGION AND DRILLING ASSEMBLIES THAT INCLUDE AND/OR UTILIZE THE METHODS**
[54] **METHODES DE FORAGE D'UN PUITS DE FORAGE DANS UNE REGION EN SOUS-SURFACE ET APPAREILLAGES DE FORAGE QUI COMPRENNENT OU EMPLOIENT LES METHODES**
[72] SPIVEY, BENJAMIN, US
[72] PAYETTE, GREGORY S., US
[72] PAIS, DARREN, US
[72] KUMARAN, KRISHNAN, US
[72] WANG, LEI, US
[72] BAILEY, JEFFREY R., US
[72] PASTUSEK, PAUL E., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[22] 2016-08-26
[41] 2017-03-02
[30] US (62/213,441) 2015-09-02
[30] US (62/266,213) 2015-12-11

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[51] **Int.Cl. G01N 33/483 (2006.01) G01N 33/15 (2006.01)**
[25] EN
[54] **IDENTIFICATION USING SPECTROSCOPY**
[54] **IDENTIFICATION AU MOYEN DE LA SPECTROSCOPIE**
[72] HSIUNG, CHANGMENG, US
[72] PEDERSON, CHRISTOPHER G., US
[72] ZOU, PENG, US
[72] SUN, LAN, US
[71] VIAVI SOLUTIONS, INC., US
[22] 2016-08-25
[41] 2017-02-26
[30] US (62/210,198) 2015-08-26

[21] **2,940,345**
[13] A1
[51] **Int.Cl. G06F 1/16 (2006.01) G06F 3/00 (2006.01)**
[25] EN
[54] **COMBINATION COMPUTING DEVICE AND GAME CONTROLLER WITH FLEXIBLE BRIDGE SECTION**
[54] **COMBINAISON D'APPAREIL INFORMATIQUE ET DE COMMANDE DE JEU DOTEE D'UNE SECTION DE PONT FLEXIBLE**
[72] TOWNLEY, FRASER, US
[72] FENG, LEE CHIN, TW
[72] CHOU, WANG HSIN, TW
[72] DOOLEY, DANIEL P., US
[71] WIKIPAD, INC., US
[22] 2016-08-26
[41] 2017-02-28
[30] US (14/840,171) 2015-08-31

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[13] A1
[51] **Int.Cl. G06F 3/01 (2006.01) A63F 13/23 (2014.01) A63F 13/24 (2014.01) G06F 1/16 (2006.01)**
[25] EN
[54] **COMBINATION COMPUTING DEVICE AND GAME CONTROLLER WITH FLEXIBLE BRIDGE SECTION**
[54] **COMBINAISON D'APPAREIL INFORMATIQUE ET DE COMMANDE DE JEU DOTEE D'UNE SECTION DE PONT FLEXIBLE**
[72] TOWNLEY, FRASER, US
[72] DOOLEY, DANIEL P., US
[71] WIKIPAD, INC., US
[22] 2016-08-26
[41] 2017-02-28
[30] US (14/840,184) 2015-08-31

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[13] A1
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 34/06 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PREVENTING GAS LOCK/GAS INTERFERENCE IN A RECIPROCATING DOWNHOLE PUMP**
[54] **METHODE ET APPAREIL DESTINES A PREVENIR L'INTERFERENCE ECLUSE A GAZ/GAZ DANS UNE POMPE ALTERNATIVE DE FOND DE PUITS**
[72] DOWNING, DONALD (RANDY) R., US
[71] DOWNING INNOVATIONS, LLC, US
[22] 2016-08-29
[41] 2017-02-27
[30] US (62/210,663) 2015-08-27

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[13] A1
[51] **Int.Cl. E21B 47/04 (2012.01) E21B 47/047 (2012.01)**
[25] EN
[54] **SPEED-OF-SOUND INDEPENDENT FLUID LEVEL MEASUREMENT APPARATUS AND METHOD OF USE**
[54] **APPAREIL DE MESURE DE NIVEAU DE LIQUIDE INDEPENDANT DE LA VITESSE DU SON ET METHODE D'UTILISATION**
[72] EARL, DENNIS DUNCAN, US
[71] RESERVOIR MANAGEMENT SERVICES, LLC, US
[22] 2016-08-26
[41] 2017-02-28
[30] US (14/838,588) 2015-08-28

[21] **2,940,371**
[13] A1
[51] **Int.Cl. E01H 5/02 (2006.01)**
[25] EN
[54] **MANUALLY OPERATED SNOW REMOVAL DEVICE FOR ROOFS AND OTHER GENERALLY FLAT AREAS**
[54] **APPAREIL D'ENLEVEMENT DE LA NEIGE UTILISE MANUELLEMENT POUR LES TOITS ET AUTRES ENDROITS GENERALEMENT PLATS**
[72] DANEAU, JAMES, US
[71] DANEAU, JAMES, US
[22] 2016-08-26
[41] 2017-02-28
[30] US (62/211166) 2015-08-28

[21] **2,940,378**
[13] A1
[51] **Int.Cl. C09K 8/72 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **RESERVOIR STIMULATION BY ENERGETIC CHEMISTRY**
[54] **STIMULATION DE RESERVOIR PAR CHIMIE ENERGETIQUE**
[72] SHAHIN, AHMED M., CA
[72] CHERIAN, BILU, CA
[71] LOS ACQUISITION CO I, LLC, US
[22] 2016-08-29
[41] 2017-02-28
[30] US (62/211,479) 2015-08-28

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[13] A1
[51] **Int.Cl. C09K 8/467 (2006.01) E21B 33/13 (2006.01) E21B 33/14 (2006.01)**
[25] EN
[54] **CEMENT COMPOSITION FOR OIL AND GAS WELLS AND METHODS FOR USING THE SAME**
[54] **COMPOSITION DE CIMENT DESTINE AUX PUITS DE PETROLE ET DE GAZ ET METHODES D'UTILISATION ASSOCIEES**
[72] BIANCHI, GEORGE Q., CA
[72] LUKE, KAREN, CA
[71] TRICAN WELL SERVICE LTD., CA
[22] 2016-08-29
[41] 2017-02-27
[30] US (62/210,727) 2015-08-27

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[13] A1
[51] **Int.Cl. G01V 3/40 (2006.01) H02J 13/00 (2006.01)**
[25] FR
[54] **DETERMINING THE SEVERITY OF A GEOMAGNETIC DISTURBANCE ON AN ELECTRICAL NETWORK USING MEASURES OF SIMILARITY**
[54] **DETERMINER LA SEVERITE D'UNE PERTURBATION GEOMAGNETIQUE SUR UN RESEAU ELECTRIQUE A L'AIDE DE MESURES DE SIMILARITE**
[72] BASU, CHUMKI, IN
[72] BELAND, JEAN, CA
[72] GUILLON, SEBASTIEN, CA
[72] KAMWA, INNOCENT, CA
[71] HYDRO-QUEBEC, CA
[22] 2016-08-26
[41] 2017-02-26
[30] US (14/836,191) 2015-08-26

[21] **2,940,385**
[13] A1
[51] **Int.Cl. E04D 13/076 (2006.01)**
[25] EN
[54] **GUTTER CLEANING DEVICE AND SYSTEM**
[54] **DISPOSITIF DE NETTOYAGE DE GOUTTIERE ET SYSTEME**
[72] WARD, GARY LYNN, US
[71] WARD, GARY LYNN, US
[22] 2016-08-25
[41] 2017-02-27
[30] US (62/210,487) 2015-08-27

[21] **2,940,395**
[13] A1
[51] **Int.Cl. F16C 33/12 (2006.01) E21B 41/02 (2006.01) F04B 47/06 (2006.01) F04D 29/046 (2006.01) F16C 17/12 (2006.01)**
[25] EN
[54] **ABRASION RESISTANCE IN WELL FLUID WETTED ASSEMBLIES**
[54] **RESISTANCE A L'ABRASION DANS LES APPAREILLAGES HUMIDES DE FLUIDES DE PUITS**
[72] LUNK, DAVID J., US
[72] JOHNSON, KEITH LEON, US
[72] NOWITZKI, WESLEY JOHN, US
[72] GOTTSCHALK, THOMAS JOHN, US
[72] KENNER, JOHN VANDERSTAAY, US
[71] SUMMIT ESP, LLC, US
[22] 2016-08-26
[41] 2017-02-26
[30] US (62/210,068) 2015-08-26
[30] US (15/247,302) 2016-08-25

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[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 50/04 (2012.01) B33Y 50/02 (2015.01) B41J 3/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS TO FACILITATE THE USE OF ADDITIVE-MANUFACTURING MODELS**
[54] **METHODE ET APPAREIL SERVANT A FACILITER L'UTILISATION DE MODELES DE FABRICATION ADDITIVE**
[72] HIGH, DONALD R., US
[72] THOMPSON, JOHN P., US
[72] TAYLOR, ROBERT C., US
[72] WINKLE, DAVID C., US
[72] ATCHLEY, MICHAEL D., US
[71] WAL-MART STORES, INC., US
[22] 2016-08-29
[41] 2017-03-04
[30] US (62/214,832) 2015-09-04

[21] **2,940,446**
[13] A1
[51] **Int.Cl. E06B 9/42 (2006.01)**
[25] EN
[54] **ROLLER SHADE SYSTEM**
[54] **SYSTEME DE TOILE A ENROULEMENT**
[72] MOCANU, CATALIN AUREL, CA
[72] CAPPELLO, PHILIP, CA
[71] SUN GLOW WINDOW COVERING PRODUCTS OF CANADA LTD., CA
[22] 2016-08-30
[41] 2017-02-28
[30] US (62/212,500) 2015-08-31

[21] **2,940,465**
[13] A1
[51] **Int.Cl. G06K 7/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR SECURING COMMANDS EXCHANGED BETWEEN A TERMINAL AND AN INTEGRATED CIRCUIT**
[54] **DISPOSITIF ET METHODE DE SECURISATION DE COMMANDES ECHANGEES ENTRE UN TERMINAL ET UN CIRCUIT INTEGRE**
[72] NACCACHE, DAVID, FR
[72] GERAUD, REMI, FR
[72] LEGER, MICHEL, FR
[71] INGENICO GROUP, FR
[22] 2016-08-26
[41] 2017-02-27
[30] FR (1557983) 2015-08-27

[21] **2,940,475**
[13] A1
[51] **Int.Cl. G01R 33/30 (2006.01) G01R 33/31 (2006.01) G01R 33/42 (2006.01)**
[25] EN
[54] **HIGH-PRESSURE, HIGH-TEMPERATURE NMR APPARATUS**
[54] **APPAREIL DE RMN HAUTE PRESSION, HAUTE TEMPERATURE**
[72] KANTZAS, APOSTOLOS, CA
[72] KRIOUTCHKOV, SERGUEI L., CA
[72] WANG, ZHENG YIN, CA
[71] PERM INSTRUMENTS INC., CA
[22] 2016-08-26
[41] 2017-02-28
[30] US (62/211,431) 2015-08-28

[21] **2,940,493**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEM AND APPARATUS FOR DISPLAYING CONTENT BASED ON LOCATION**
[54] **SYSTEME ET APPAREIL D'AFFICHAGE DE CONTENU FONDE SUR L'EMPLACEMENT**
[72] VAKILIAN, MOHAMMAD ASLAN, CA
[72] VAKILIAN, HASSAN, CA
[71] VAKILIAN, MOHAMMAD ASLAN, CA
[71] VAKILIAN, HASSAN, CA
[22] 2016-08-25
[41] 2017-02-27
[30] US (62/210597) 2015-08-27

[21] **2,940,501**
[13] A1
[51] **Int.Cl. B62J 3/00 (2006.01) G08B 3/02 (2006.01)**
[25] EN
[54] **AUDIBLE WARNING DEVICE FOR A BICYCLE**
[54] **DISPOSITIF D'AVERTISSEMENT AUDIBLE DESTINE A UN VELO**
[72] SNAITH, DAVID BRYANT, CA
[71] VELO SCIENTIFIC INC., CA
[22] 2016-08-26
[41] 2017-02-26
[30] US (62/209,940) 2015-08-26

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[13] A1
[51] **Int.Cl. F02D 35/02 (2006.01) F02P 5/145 (2006.01) G01R 33/07 (2006.01)**
[25] EN
[54] **SENSING UNIT PROVIDING FIXED ARRANGEMENT OF ENGINE POSITION SENSORS**
[54] **MODULE CAPTEUR FOURNISSANT UN DISPOSITIF FIXE DE CAPTEURS DE POSITION DE MOTEUR**
[72] DE BOER, PAUL GREGORY, CA
[71] DE BOER, PAUL GREGORY, CA
[22] 2016-08-29
[41] 2017-02-28
[30] US (62/211,071) 2015-08-28

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[13] A1
[51] **Int.Cl. C02F 1/10 (2006.01) C02F 1/04 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **SEMI-CONTINUOUS TREATMENT OF PRODUCED WATER WITH BOILER FLUE GAS**
[54] **TRAITEMENT SEMI-CONTINU D'EAU PRODUITE AU MOYEN DE GAZ D'ECHAPPEMENT D'UNE CHAUDIERE**
[72] RAJAGOPALAN, SURIYANARAYANAN, US
[72] EMBRY, DALE, US
[72] LATIMER, EDWARD, US
[71] CONOCOPHILLIPS COMPANY, US
[22] 2016-08-26
[41] 2017-02-26
[30] US (62/210180) 2015-08-26

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[13] A1
[51] **Int.Cl. F22B 1/18 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **TREATMENT OF PRODUCED WATER USING INDIRECT HEAT**
[54] **TRAITEMENT D'EAU PRODUITE AU MOYEN DE CHALEUR INDIRECTE**
[72] RAJAGOPALAN, SURIYANARAYANAN, US
[72] EMBRY, DALE, US
[72] LATIMER, EDWARD, US
[71] CONOCOPHILLIPS COMPANY, US
[22] 2016-08-26
[41] 2017-02-26
[30] US (62/210214) 2015-08-26

[21] **2,940,569**
[13] A1
[51] **Int.Cl. H03H 9/13 (2006.01) H02N 2/00 (2006.01) H05B 1/00 (2006.01)**
[25] EN
[54] **TRANSDUCER DRIVING METHODS AND TRANSDUCER DRIVING SYSTEMS**
[54] **METHODE D'ENTRAINEMENT DE TRANSDUCTEUR ET SYSTEMES D'ENTRAINEMENT DE TRANSDUCTEUR**
[72] MYJAK, MITCHELL J., US
[72] TAUBMAN, MATTHEW S., US
[72] DENSLOW, KAYTE M., US
[72] ANDERSON, CALVIN G., US
[71] BATTELLE MEMORIAL INSTITUTE, US
[22] 2016-08-25
[41] 2017-02-26
[30] US (62/210,192) 2015-08-26

[21] **2,940,626**
[13] A1
[51] **Int.Cl. G01B 3/10 (2006.01)**
[25] EN
[54] **RETRACTABLE TAPE MEASURE AND SECURING SAME**
[54] **RUBAN A MESURER RETRACTABLE ET FIXATION DUDIT RUBAN**
[72] REESE, BRIAN TODD, US
[72] MAYER, CODY LYLE, US
[71] SEARS BRANDS, LLC, US
[22] 2016-08-30
[41] 2017-02-28
[30] US (14/840,893) 2015-08-31

[21] **2,940,635**
[13] A1
[51] **Int.Cl. E06B 1/02 (2006.01) E06B 1/36 (2006.01)**
[25] EN
[54] **VERSATILE HYBRID WINDOW SYSTEM**
[54] **MECANISME DE FENETRE HYBRIDE POLYVALENT**
[72] ALBRECHT, SCOTT D, US
[71] SIERRA PACIFIC INDUSTRIES, US
[22] 2016-08-29
[41] 2017-02-28
[30] US (14/838,798) 2015-08-28
[30] US (62/211,531) 2015-08-28

[21] **2,940,639**
[13] A1
[51] **Int.Cl. B43M 1/00 (2006.01) B43M 5/00 (2006.01) G09F 3/03 (2006.01)**
[25] EN
[54] **SEALING DEVICE**
[54] **APPAREIL DE JOINTAGE**
[72] ANDERSON, IAN DENNY, GB
[71] VERSAPAK INTERNATIONAL LIMITED, GB
[22] 2016-08-30
[41] 2017-03-01
[30] GB (GB1515484.2) 2015-09-01

[21] **2,940,640**
[13] A1
[51] **Int.Cl. E04B 2/74 (2006.01) E04B 2/82 (2006.01)**
[25] EN
[54] **A PANEL SYSTEM AND A PANEL WITH A SUPPORTING MEMBER**
[54] **UN SYSTEME DE PANNEAU ET UN PANNEAU DOTE D'UN ELEMENT DE SOUTIEN**
[72] LEHTONEN, MARKKU, FI
[72] HILLIAHO, ESA, FI
[72] HURRI, LAURI, FI
[71] LUMON INVEST OY, FI
[22] 2016-08-29
[41] 2017-03-01
[30] FI (U20154156) 2015-09-01

[21] **2,940,667**
[13] A1
[51] **Int.Cl. B65B 25/02 (2006.01) B25J 9/18 (2006.01) B65B 35/16 (2006.01)**
[25] EN
[54] **A ROBOTIC DEVICE FOR SLEEVING POTTED PLANTS AND A METHOD FOR SLEEVING POTTED PLANTS WITH THE ROBOTIC SLEEVING DEVICE**
[54] **UN APPAREIL ROBOTIQUE SERVANT A ENROBER D'UN MANCHON LES PLANTES EN POT ET UNE METHODE D'ENROBAGE D'UN MANCHON DES PLANTES EN POT AU MOYEN DE L'APPAREIL ELECTRONIQUE ROBOTIQUE D'ENROBAGE DE MANCHON**
[72] VAN DER LAAN, PAUL, NL
[71] SPISA HOLDING AB, SE
[71] CREATECH BV, NL
[22] 2016-08-29
[41] 2017-03-03
[30] EP (15183608.7) 2015-09-03

[21] **2,940,668**
[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **CONNECTED DEVICE-TRIGGERED FAILURE ANALYSIS**
[54] **ANALYSE DE PANNE DECLENCHEE PAR UN DISPOSITIF CONNECTE**
[72] LEE, JOHN JONG SUK, CA
[72] CHAN, PAUL MON-WAH, CA
[72] BARNETT, JONATHAN K., CA
[72] FRITZ, ROISIN, CA
[72] GROUIOS, MICHAEL, CA
[72] MOGHAIZEL, JOE, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2016-08-30
[41] 2017-02-28
[30] US (62/212,457) 2015-08-31

[21] **2,940,674**
[13] A1
[51] **Int.Cl. A47K 7/03 (2006.01) A47K 7/02 (2006.01)**
[25] EN
[54] **WASHING DEVICE**
[54] **APPAREIL DE LAVAGE**
[72] BURGELIN, STEFAN, DE
[72] KRAMER, DANIEL, DE
[72] MARTIN, ANDREAS, DE
[71] NEW FLAG GMBH, DE
[22] 2016-08-30
[41] 2017-03-01
[30] DE (10 2015 011 165.5) 2015-09-01

[21] **2,940,722**
[13] A1
[51] **Int.Cl. B62D 35/00 (2006.01) B62D 37/02 (2006.01)**
[25] EN
[54] **LANDING GEAR AERO SKIRT**
[54] **JUPE AERODYNAMIQUE DE TRAIN D'ATTERRISSAGE**
[72] BAKER, LEONARD W., US
[72] HAAN, BRIAN N., US
[72] SWEET, JAMES A., US
[72] COURTNEY, MICHAEL J., US
[71] WABASH NATIONAL, L.P., US
[22] 2016-08-30
[41] 2017-02-28
[30] US (62/212,099) 2015-08-31

[21] **2,940,736**
[13] A1
[51] **Int.Cl. E05B 65/08 (2006.01)**
[25] EN
[54] **LOCKING BOLT WITH SURFACE-MOUNTED TRANSMISSION**
[54] **BOULON DE VERROUILLAGE A TRANSMISSION EN SURFACE**
[72] WOLF, GLEN M., US
[72] SNYDER, DAVID L., US
[71] TRUTH HARDWARE, US
[22] 2016-08-31
[41] 2017-02-28
[30] US (14/841,443) 2015-08-31
[30] US (14/989,774) 2016-01-06

[21] **2,940,746**
[13] A1
[51] **Int.Cl. A01D 57/02 (2006.01) A01D 57/03 (2006.01)**
[25] EN
[54] **CAM FOLLOWER DESIGN FOR A PICKUP REEL**
[54] **CONFIGURATION DE GALET DESTINE A UN TAMBOUR DE RAMASSAGE**
[72] JASPER, EDWARD PATRICK, US
[71] HCC, INC., US
[22] 2016-08-31
[41] 2017-02-28
[30] US (62/212,110) 2015-08-31
[30] US (15/251,249) 2016-08-30

[21] **2,940,749**
[13] A1
[51] **Int.Cl. A01D 57/02 (2006.01)**
[25] EN
[54] **CAM TRACK TIMING ADJUSTMENT FOR A PICK-UP REEL OF A HARVESTER**
[54] **REGULATION DE LA SYNCHRONISATION DU CHEMIN DE CAME DESTINE A UN TAMBOUR DE RAMASSAGE D'UNE MOISONNEUSE**
[72] JASPER, EDWARD PATRICK, US
[71] HCC, INC., US
[22] 2016-08-31
[41] 2017-03-02
[30] US (62/213,296) 2015-09-02
[30] US (15/249,584) 2016-08-29

[21] **2,940,750**
[13] A1
[51] **Int.Cl. E21C 41/24 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEMS, AND METHODS FOR ENHANCING HYDROCARBON EXTRACTION AND TECHNIQUES RELATED THERETO**
[54] **APPAREILLAGE, SYSTEMES ET METHODES D'AMELIORATION DE L'EXTRACTION D'HYDROCARBURE ET TECHNIQUES ASSOCIEES**
[72] STAFFORD, SHERRY L., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[22] 2016-08-31
[41] 2017-03-01
[30] US (62/212,761) 2015-09-01

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[51] **Int.Cl. G06F 17/00 (2006.01) G06F 3/14 (2006.01) G06F 5/00 (2006.01) G06F 15/18 (2006.01)**
[25] EN
[54] **INTELLIGENT VISUALIZATION MUNGING**
[54] **EXPLOITATION DE VISUALISATION INTELLIGENTE**
[72] PURI, COLIN ANIL, US
[72] BYNOE, JOSEPH, US
[72] MAHLER, PAUL JUSTIN, US
[72] GS SHETTERLEY, NATHAN, US
[71] ACCENTURE GLOBAL SOLUTIONS LIMITED, GB
[22] 2016-08-31
[41] 2017-02-28
[30] US (62/212,410) 2015-08-31

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[13] A1
[51] **Int.Cl. H04L 12/811 (2013.01) H04L 12/26 (2006.01)**
[25] EN
[54] **NETWORK MANAGEMENT**
[54] **GESTION DE RESEAU**
[72] GILSON, ROSS, US
[72] PRUDEN, BENNY, US
[72] FRANCISCO, MARK, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2016-08-30
[41] 2017-02-28
[30] US (62/212,342) 2015-08-31

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[51] **Int.Cl. G06F 17/00 (2006.01) G06F 5/00 (2006.01) G06F 15/18 (2006.01)**
[25] EN
[54] **INTELLIGENT DATA MUNGING**
[54] **EXPLOITATION DE DONNEES INTELLIGENTES**
[72] PURI, COLIN ANIL, US
[72] DEB, SANGHAMITRA, US
[71] ACCENTURE GLOBAL SOLUTIONS LIMITED, GB
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[51] **Int.Cl. A01B 43/00 (2006.01) A01B 23/02 (2006.01) A01B 33/14 (2006.01) A01B 35/28 (2006.01) A01B 35/32 (2006.01) A01G 23/00 (2006.01)**
[25] EN
[54] **LAND CLEARING TOOL ASSEMMBLY WITH A DEPTH CONTROL RING AND DRUM ASSEMBLY**
[54] **OUTIL DE NETTOYAGE DE TERRE DOTE D'UNE BAGUE DE CONTROLE DE PROFONDEUR ET D'UN MECANISME DE TAMBOUR**
[72] STANLEY, JEFFREY THOMAS, US
[72] SMITH, TYLER RAND, US
[72] BRICKER, RYAN TAYLOR, US
[71] FECON, INC., US
[22] 2016-08-31
[41] 2017-02-28
[30] US (62/212,397) 2015-08-31

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[51] **Int.Cl. F16F 15/315 (2006.01) F16F 15/10 (2006.01) F16F 15/30 (2006.01)**
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[54] **DAMPER**
[54] **VOLET**
[72] MURATA, TOSHIKI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2016-08-31
[41] 2017-03-03
[30] JP (2015-173989) 2015-09-03

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[51] **Int.Cl. B60N 2/26 (2006.01) A47D 11/00 (2006.01) A47D 13/02 (2006.01)**
[25] EN
[54] **INFANT CARRIER**
[54] **PORTE-BEBE**
[72] TAYLOR, ANDREW J., US
[72] MASON, KYLE S., US
[72] SELLERS, GREGORY S., US
[72] HARTENSTINE, CURTIS M., US
[72] BOWERS, PATRICK J.G., US
[71] WONDERLAND NURSERYGOODS COMPANY LIMITED, CN
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[41] 2017-03-03
[30] US (62/214,013) 2015-09-03
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[51] **Int.Cl. F16H 35/00 (2006.01) F16H 29/12 (2006.01) F16H 59/14 (2006.01) H01F 7/02 (2006.01)**
[25] EN
[54] **A MAGNETIC ACTUATOR AND GEAR SYSTEM COMPRISING THE SAME**
[54] **UN ACTIONNEUR MAGNETIQUE ET UN MECANISME D'ENGRENAGE COMPORTANT LEDIT ACTIONNEUR**
[72] PYRHONEN, JUHA, FI
[72] MONTONEN, JUHO, FI
[72] SINKKO, SIMO, FI
[72] NUMMELIN, TOMMI, FI
[71] SAIMAAN AMMATTIKORKEAKOULU OY, FI
[22] 2016-09-01
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[51] **Int.Cl. F16B 7/00 (2006.01) E04H 12/00 (2006.01) E04H 12/02 (2006.01) E04H 12/24 (2006.01) F16S 3/00 (2006.01) H02G 1/04 (2006.01)**
[25] EN
[54] **FASTENING SYSTEM FOR AN ELONGATED COMPOSITE MEMBER, A STRESS DISTRIBUTION MEMBER, AND A PYLON**
[54] **MECANISME DE FIXATION D'UN ELEMENT COMPOSITE ALLONGE, UN ELEMENT DE DISTRIBUTION DU STRESS ET UN PYLONE**
[72] JORGEN, FJELDVIK HANS, NO
[72] EGIL, JENSEN ALF, NO
[71] STATNETT SF, NO
[22] 2016-09-01
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[30] NO (20151112) 2015-09-01

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[51] **Int.Cl. F16K 7/16 (2006.01) F16K 7/14 (2006.01) F16K 17/40 (2006.01)**
[25] EN
[54] **PRESSURE RELIEF VALVE ASSEMBLY AND METHODS**
[54] **DISPOSITIF DE SOUPAPE DE DECOMPRESSION ET METHODES**
[72] SAID, NUDER, US
[71] S.P.M. FLOW CONTROL, INC., US
[22] 2016-09-01
[41] 2017-03-04
[30] US (62/214691) 2015-09-04
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[54] **CONVERSION OF LIPIDS INTO OLEFINS**
[54] **CONVERSION DE LIPIDES EN OLEFINES**
[72] ULLAH, AMAN, CA
[72] ARSHAD, MUHAMMAD, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
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[51] **Int.Cl. B09B 1/00 (2006.01)**
[25] EN
[54] **PROCESS AND CONTAINER FOR SOLIDIFICATION AND DISPOSAL OF LIQUID WASTE**
[54] **PROCEDE ET CONTENANT DESTINES A LA SOLIDIFICATION ET A L'ELIMINATION DE DECHETS LIQUIDES**
[72] URRUTIA, JOSE, US
[72] LEWIS, WILLIAM D., US
[71] WATERSHED GEOSYNTHETICS LLC, US
[22] 2016-09-02
[41] 2017-03-03
[30] US (62/283,507) 2015-09-03
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[25] EN
[54] **BUTTRESSED HINGE PIN**
[54] **TIGE DE CHARNIERE RENFORCEE**
[72] STEINLAGE, DAVID L., US
[72] NEFZGER, JEREMY, US
[72] BECKER, SHAWN J., US
[71] DEERE & COMPANY, US
[22] 2016-09-02
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[30] US (15,239,339) 2016-08-17

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[51] **Int.Cl. G01N 33/48 (2006.01)**
[25] EN
[54] **METHOD FOR THE EARLY DETECTION OF AUTISM SPECTRUM DISORDER BY USE OF METABOLIC BIOMARKERS**
[54] **METHODE DE DETECTION PRECOCE DE TROUBLE DU SPECTRE DE L'AUTISME AU MOYEN DE BIOMARQUEURS METABOLIQUES**
[72] SRIVASTAVA, ANAND K., US
[72] STEVENSON, ROGER E., US
[71] GREENWOOD GENETIC CENTER, US
[22] 2016-09-02
[41] 2017-03-03
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[51] **Int.Cl. B60K 1/00 (2006.01) B60K 1/04 (2006.01) B60L 11/18 (2006.01)**
[25] EN
[54] **MODULAR CONFIGURABLE AUTOMATED GUIDED VEHICLE**
[54] **VEHICULE GUIDE AUTOMATISE A CONFIGURATION MODULAIRE**
[72] LENDO, JOSEPH T., US
[72] STANDEN, RICHARD, US
[72] PATEL, PARASHAR, US
[71] BLUE WATER ADVANCED TECHNOLOGIES, LLC, US
[22] 2016-09-02
[41] 2017-03-03
[30] US (14/844,364) 2015-09-03

[21] **2,940,929**
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[51] **Int.Cl. B60N 2/56 (2006.01)**
[25] EN
[54] **VEHICLE SEAT WITH IMPROVED THERMAL CONDUCTIVITY**
[54] **SIEGE DE VEHICULE A CONDUCTIVITE THERMIQUE AMELIOREE**
[72] KOZLOWSKI, ERIC, US
[71] MAGNA SEATING INC., CA
[22] 2016-09-06
[41] 2017-03-04
[30] US (62/214,383) 2015-09-04

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[51] **Int.Cl. A63B 71/12 (2006.01) A41D 13/015 (2006.01) A41D 13/06 (2006.01)**
[25] EN
[54] **PROTECTIVE PAD ASSEMBLY, AND RELATED KITS, APPLICATIONS, AND METHODS**
[54] **DISPOSITIF DE COUSSIN PROTECTEUR, ET TROUSSES, APPLICATIONS ET METHODES ASSOCIEES**
[72] PICONE, JOHN A., US
[72] PARDILLO, JOSEPH M., US
[71] JP VENTURES, LLC, US
[22] 2016-09-02
[41] 2017-03-03
[30] US (62/213,937) 2015-09-03

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[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 34/14 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **DOWNHOLE TOOL WITH DISSOLVABLE COMPONENT**
[54] **OUTIL DE FOND DE TROU A COMPOSANTE SOLUBLE**
[72] CHAUFFE, STEPHEN J., US
[72] MARTIN, CARL, US
[72] KELLNER, JUSTIN, US
[71] TEAM OIL TOOLS, LP, US
[22] 2016-09-02
[41] 2017-03-04
[30] US (62/214,260) 2015-09-04

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[13] A1
[51] **Int.Cl. E21B 43/34 (2006.01) E21B 43/40 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR REDUCING PRODUCED WATER DISPOSAL VOLUMES UTILIZING WASTE HEAT**
[54] **METHODE ET SYSTEME DE REDUCTION DE VOLUMES DE DECHETS D'EAU PRODUITE AU MOYEN DE LA CHALEUR DES DECHETS**
[72] SUTHERLAND, JOHN JOSEPH, CA
[72] MASCARENHAS, AUDREY MARIA, CA
[72] BOUCHARD, JUSTIN EDWARD, CA
[72] NELSON, JEFFREY DAVID, CA
[71] QUESTOR TECHNOLOGY INC., CA
[22] 2016-09-02
[41] 2017-03-03
[30] US (62/214,067) 2015-09-03

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[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROLLING PRODUCTION OF HYDROCARBONS**
[54] **SYSTEMES ET METHODES DE CONTROLE DE PRODUCTION D'HYDROCARBURES**
[72] LASTIWKA, MARTIN, CA
[71] SUNCOR ENERGY INC., CA
[22] 2016-08-30
[41] 2017-02-28
[30] CA (2,902,548) 2015-08-31

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[13] A1
[51] **Int.Cl. H02G 1/08 (2006.01) G09F 1/00 (2006.01) H01B 7/36 (2006.01)**
[25] EN
[54] **CONDUCTOR IDENTIFICATION**
[54] **IDENTIFICATION DE CONDUCTEUR**
[72] FOWLER, WILLIE FRANKLIN, US
[72] HARRIS, JEREMY, US
[72] TEMBLADOR, RICHARD MIKE, US
[72] GALINDO GONZALEZ, JUAN ALBERTO, US
[71] SOUTHWIRE COMPANY, LLC, US
[22] 2016-09-01
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[51] **Int.Cl. B64C 3/18 (2006.01)**
[25] EN
[54] **INTEGRATED RIBS FOR CENTRAL WING BOX**
[54] **NERVURES INTEGREES DESTINEES A UN CAISSON D'AILE**
[72] SOULA, DENIS, FR
[72] PLET, MATTHIEU, FR
[72] MAQUEDA LAHOZ, JAVIER, FR
[71] AIRBUS OPERATIONS (SAS), FR
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[51] **Int.Cl. A47C 3/00 (2006.01)**
[25] EN
[54] **ADJUSTABLE SEAT ASSEMBLY**
[54] **ENSEMBLE DE SIEGE AJUSTABLE**
[72] KUMAR, PAVAN KUMAR KRISHNA, IN
[72] HOSMANI, MAHESH VIRUPAXI, IN
[72] KOZHIPURAMI, AKHIL RAJAGOPAL, IN
[72] ROSS, DAVID A., US
[72] BRODISH, TROY, US
[71] GOODRICH AEROSPACE SERVICES PRIVATE LIMITED, IN
[71] AMI INDUSTRIES, INC., US
[22] 2016-09-02
[41] 2017-03-03
[30] US (14/844,091) 2015-09-03

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[13] A1
[51] **Int.Cl. C23C 2/24 (2006.01) C23C 2/06 (2006.01) C23C 2/38 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TREATING A STEEL TUBING WITH A COATING TO RESIST CORROSION**
[54] **METHODE ET SYSTEME DE TRAITEMENT D'UN TUBAGE EN ACIER AU MOYEN D'UN REVETEMENT ANTI-CORROSION**
[72] KRAUSE, RANDAL, US
[72] MANIER, DENNIS, US
[72] SMITH, CHRISTOPHER, US
[71] COOPER-STANDARD AUTOMOTIVE, INC., US
[22] 2016-09-02
[41] 2017-03-04
[30] US (15/251,338) 2016-08-30
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[51] **Int.Cl. E06B 3/67 (2006.01) E06B 3/673 (2006.01)**
[25] EN
[54] **INSULATING GLASS UNIT COMPRESSION-INJECTION COATED PATCH AND METHOD**
[54] **PIECE RAPPORTEE REVETUE PAR COMPRESSION-INJECTION D'UN MODULE DE VERRE ISOLANT**
[72] CANNING, LESLIE M., JR., US
[72] TUTTLE, NATHAN T., US
[72] WALSH, CODY J., US
[72] FLORIO, JOSEPH D., US
[72] WAYMAN, KENNETH F., US
[71] QUANEX IG SYSTEMS, INC., US
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[51] **Int.Cl. B64D 27/26 (2006.01) B64D 27/00 (2006.01) B64D 27/10 (2006.01)**
[25] FR
[54] **OIL COOLER INTEGRATED INTO PYLON**
[54] **REFROIDISSEUR D'HUILE INTEGRE AU PYLONE**
[72] LEMARCHAND, KEVIN MORGANE, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[51] **Int.Cl. A61G 9/00 (2006.01)**
[25] EN
[54] **MULTI-LINER ASSEMBLY FOR A BODY LIQUID RECEPTACLE AND BODY LIQUID RECEPTACLE INCLUDING SAME**
[54] **DISPOSITIF MULTI-DOUBLURE DESTINE A UN RECIPIENT DE LIQUIDE CORPOREL ET RECIPIENT DE LIQUIDE CORPOREL COMPORTANT LEDIT DISPOSITIF**
[72] TANGUAY, ERIC, CA
[72] PELLETIER, ERIC, CA
[71] HY-INDUSTRIE INC., CA
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[51] **Int.Cl. G11C 16/06 (2006.01) G11C 16/34 (2006.01)**
[25] EN
[54] **OPERATING PARAMETERS FOR FLASH MEMORY DEVICES**
[54] **PARAMETRES FONCTIONNELS DE SUPPORTS DE MEMOIRE FLASH**
[72] ROTHBERG, MICHAEL STEPHEN, US
[71] HGST NETHERLANDS B.V., NL
[22] 2016-09-06
[41] 2017-03-04
[30] US (14/846,568) 2015-09-04

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[13] A1
[51] **Int.Cl. G11C 16/06 (2006.01) G11C 16/34 (2006.01)**
[25] EN
[54] **WEAR MANAGEMENT FOR FLASH MEMORY DEVICES**
[54] **GESTION D'USURE DE SUPPORTS DE MEMOIRE FLASH**
[72] ROTHBERG, MICHAEL STEPHEN, US
[71] HGST NETHERLANDS B.V., NL
[22] 2016-09-06
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[30] US (14/846,540) 2015-09-04

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[13] A1
[51] **Int.Cl. B62J 6/00 (2006.01) B60Q 1/26 (2006.01) B62J 6/02 (2006.01) B62J 11/00 (2006.01)**
[25] EN
[54] **LASER PROJECTION DEVICE**
[54] **APPAREIL DE PROJECTION LASER**
[72] WHITE, MATTHEW, GB
[72] BROOKE, EMILY, GB
[71] SMIDSY LTD., GB
[22] 2016-09-06
[41] 2017-03-04
[30] GB (GB1515731.6) 2015-09-04

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[13] A1
[51] **Int.Cl. A01K 11/00 (2006.01) A01K 27/00 (2006.01) A01K 29/00 (2006.01)**
[25] EN
[54] **TAG HOLDER**
[54] **SUPPORT D'ETIQUETTE**
[72] BLIZZARD, PHILIP J., US
[71] THUNDERSHIRT, LLC, US
[22] 2016-09-06
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[13] A1
[51] **Int.Cl. E05B 47/00 (2006.01) A61G 12/00 (2006.01) A61J 7/00 (2006.01) E05B 65/52 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR BEDSIDE MEDICATION DISPENSING**
[54] **SYSTEME ET METHODE DE DISTRIBUTION DE MEDICAMENT AU LIT**
[72] WASKIN, DAVID, US
[72] PIERSON, JOHN, US
[71] CARSTENS, INC., US
[22] 2016-08-31
[41] 2017-02-28
[30] US (62/212,194) 2015-08-31

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[13] A1
[51] **Int.Cl. H04W 40/22 (2009.01) H04W 12/02 (2009.01) H04W 80/10 (2009.01) H04W 84/18 (2009.01)**
[25] EN
[54] **AN ENVIRONMENT CONTROL DEVICE PROVIDING A WI-FI HOTSPOT FOR ACCESSING THE INTERNET**
[54] **UN DISPOSITIF DE CONTROLE DE L'ENVIRONNEMENT FOURNISSANT UN POINT CHAUD WI-FI D'ACCES A INTERNET**
[72] GERVAIS, FRANCOIS, CA
[72] BRETON, DANNY, CA
[72] OUELLET, FRANCOIS, CA
[71] DISTECH CONTROLS INC., CA
[22] 2016-08-31
[41] 2017-03-04
[30] US (14/845,413) 2015-09-04

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[13] A1
[51] **Int.Cl. C10G 55/06 (2006.01)**
[25] EN
[54] **PROCESS FOR UPGRADING HEAVY HYDROCARBON LIQUIDS**
[54] **PROCEDE DE VALORISATION DE LIQUIDES D'HYDROCARBURE LOURD**
[72] ZHENG, YING, CA
[72] ZHANG, QIKAI, CA
[72] LIN, HONGFEI, CN
[71] UNIVERSITY OF NEW BRUNSWICK, CA
[22] 2016-08-31
[41] 2017-02-28
[30] US (62/212,165) 2015-08-31

[21] **2,941,580**
[13] A1
[51] **Int.Cl. H04M 3/432 (2006.01)**
[25] EN
[54] **TELEPHONE REASSURANCE, ACTIVITY MONITORING AND REMINDER SYSTEM**
[54] **SYSTEME DE REASSURANCE PAR TELEPHONE, SURVEILLANCE ET RAPPEL D'ACTIVITE**
[72] CHAN, HENRY, US
[71] CHAN, HENRY, US
[22] 2016-08-31
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[25] EN
[54] **BRAKE ASSEMBLY FOR A HEIGHT-ADJUSTABLE WALKER APPARATUS**
[54] **MECANISME DE FREIN DESTINE A UN DISPOSITIF DE DEAMBULATEUR A HAUTEUR AJUSTABLE**
[72] LIU, JULIAN, CA
[71] EVOLUTION TECHNOLOGIES INC., CA
[85] 2016-08-25
[86] 2016-08-19 (PCT/CA2016/050978)
[87] (2940154)
[30] US (62/213,566) 2015-09-02
[30] US (14/966,572) 2015-12-11

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[13] A1
[51] **Int.Cl. C08J 11/18 (2006.01) C07C 63/26 (2006.01) C12N 9/16 (2006.01) C12N 9/18 (2006.01) C12P 7/44 (2006.01) C12P 7/62 (2006.01)**
[25] EN
[54] **PROCESS OF RECYCLING MIXED PET PLASTIC ARTICLES**
[54] **PROCEDE DE RECYCLAGE D'ARTICLES EN MATIERE PLASTIQUE POUR ANIMAUX DE COMPAGNIE A BASE DE MELANGES**
[72] MAILLE, EMMANUEL, FR
[71] CARBIOS, FR
[85] 2016-10-31
[86] 2015-05-12 (PCT/EP2015/060521)
[87] (WO2015/173265)
[30] EP (14305722.2) 2014-05-16

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[13] A1
[51] **Int.Cl. A23P 30/40 (2016.01) A47J 31/44 (2006.01) A47J 43/04 (2006.01)**
[25] EN
[54] **PUMPING AND FOAMING DEVICE**
[54] **DISPOSITIF DE POMPAGE ET MOUSSAGE**
[72] SAVIOZ, GREGORY, CH
[72] AIT BOUZIAD, YOUCEF, CH
[72] PERRIN, ALEXA, CH
[71] NESTEC S.A., CH
[85] 2016-11-10
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[54] **METHOD FOR OBTAINING SINAPIC ACID FROM A NATIVE MATERIAL MIXTURE**
[54] **PROCEDE POUR L'OBTENTION D'ACIDE SINAPIQUE A PARTIR D'UN MELANGE DE MATIERES NATIVES**
[72] HRUSCHKA, STEFFEN, DE
[72] ULLMANN, DETLEF, DE
[72] BOSZULAK, WLADISLAWA, DE
[72] THIEL, ALEXANDER, DE
[71] GEA MECHANICAL EQUIPMENT GMBH, DE
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[54] **METHODS AND COMPOSITIONS FOR PREVENTING ISCHEMIA REPERFUSION INJURY IN ORGANS**
[54] **PROCEDES ET COMPOSITIONS PERMETTANT DE PREVENIR LES LESIONS D'ISCHEMIE-REFERFUSION DANS LES ORGANES**
[72] SQUIERS, ELIZABETH C., US
[72] ERLICH, SHAI, US
[72] ROTHENSTEIN, DANIEL, IL
[72] SHARON, NIR, IL
[72] ODENHEIMER, DANIEL J., US
[72] FEINSTEIN, ELENA, IL
[71] QUARK PHARMACEUTICALS, INC., US
[85] 2016-11-14
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[25] EN
[54] **PROCESS FOR TREATING WATERS PRODUCED OR COLLECTED FROM THE OIL EXTRACTION IN MINING OPERATIONS AND REDUCING THE TENDENCY OF CALCIUM SCALING OF PROCESS EQUIPMENT**
[54] **PROCEDE DE TRAITEMENT D'EAUX PRODUITES OU COLLECTEES A PARTIR DE L'EXTRACTION DE PETROLE DANS DES OPERATIONS MINIERES ET REDUCTION DE LA TENDANCE A L'ENTARTRAGE PAR LE CALCIUM D'EQUIPEMENT DE TRAITEMENT**
[72] GAMACHE, DAVID, US
[72] SCURTE, JUSTIN, US
[71] VEOLIA WATER TECHNOLOGIES, INC., US
[85] 2016-11-14
[86] 2015-06-24 (PCT/US2015/037364)
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[30] US (62/016,127) 2014-06-24

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[54] **COFFEE BEVERAGE COMPOSITION AND METHOD OF PRODUCING IT**
[54] **COMPOSITION DE BOISSON AU CAFE ET SON PROCEDE DE PRODUCTION**
[72] BIRCH, ANNETTE MICHELLE, US
[72] CAVINATO, MAURO, CH
[72] CHAVEZ MONTES, BRUNO, CH
[72] CROW, DARREN WILLIAM, US
[72] DUPAS, JULIEN, CH
[72] ELSBY, KEVAN, CH
[72] FUSON, ROBERT WAYNE, US
[72] MORA, FEDERICO, CH
[72] SRBLJIN, MARIJA, CH
[71] NESTEC S.A., CH
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[86] 2015-06-05 (PCT/EP2015/062556)
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[25] EN
[54] **SEPARATION AND STORAGE OF FLUIDS USING ITQ-55**
[54] **SEPARATION ET STOCKAGE DE FLUIDES A L'AIDE DU ITQ-55**
[72] CORCORAN, EDWARD W., JR., US
[72] KORTUNOV, PAVEL, US
[72] PAUR, CHARANJIT S., US
[72] RAVIKOVITCH, PETER I., US
[72] WANG, YU, US
[72] CORMA CANOS, AVELINO, ES
[72] VALENCIA VALENCIA, SUSANA, ES
[72] REY GARCIA, FERNANDO, ES
[72] CANTIN SANZ, ANGEL, ES
[72] PALOMINO ROCA, MIGUEL, ES
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[54] **PREPARATION COMPRISING FACTOR VIII AND VON WILLEBRAND FACTOR PEPTIDES**
[54] **PREPARATION COMPRENANT LE FACTEUR VIII ET DES PEPTIDES DU FACTEUR DE VON WILLEBRAND**
[72] KANNICHT, CHRISTOPH, DE
[72] SOLECKA, BARBARA, DE
[72] KOHLA, GUIDO, DE
[72] WINGE, STEFAN, SE
[71] OCTAPHARMA AG, CH
[85] 2016-11-16
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[54] **METHOD AND ENZYME SOLUTION FOR FLOW-CYTOMETRIC DETECTION OF LIGHT CHAIN RESTRICTION**
[54] **PROCEDE ET SOLUTION ENZYMATIQUE POUR LA DETECTION PAR CYTOMETRIE EN FLUX DE RESTRICTION DE CHAINES LEGERES**
[72] HUNDEMER, MICHAEL, DE
[72] KRIENKE, STEFAN, DE
[71] RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG, DE
[85] 2016-11-16
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[54] **ANTAGONISTS OF PDL-1 AND PD-1 FOR THE TREATMENT OF HPV-NEGATIVE CANCERS**
[54] **ANTAGONISTES DE PDL-1 ET PD-1 POUR LE TRAITEMENT DE CANCERS NEGATIFS AU PAPILLOMAVIRUS HUMAIN**
[72] STEELE, KEITH, US
[72] REBELATTO, MARLON C., US
[72] BLAKE-HASKINS, JOHN ANDREW, US
[72] ROBBINS, PAUL B., US
[72] VASSELLI, JAMES R., US
[72] STEWART, ROSS A., US
[72] IBRAHIM, RAMY, US
[72] SHALABI, AIMAN, US
[71] MEDIMMUNE LIMITED, GB
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[25] EN
[54] **THREE-DIMENSIONAL PRINTING WITH RECIPROCAL FEEDING OF POLYMERIZABLE LIQUID**
[54] **IMPRESSION TRIDIMENSIONNELLE A ACHEMINEMENT EN VA-ET-VIENT DE LIQUIDE POLYMERISABLE**
[72] ERMOSHKIN, ALEXANDER, US
[72] SHIRVANYANTS, DAVID, US
[72] PHELPS, NORDSTROM KIRK, US
[72] ERMOSHKIN, NIKITA, US
[72] SAMULSKI, EDWARD T., US
[72] DESIMONE, JOSEPH M., US
[71] CARBON, INC., US
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[54] **CONTRE-LAME**
[72] SMEETS, FLORIAN, DE
[72] KRAMER, ULRICH, DE
[71] BETEK GMBH & CO. KG, DE
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[54] **SYNTHESIS OF POLYCYCLIC-CARBAMOYLPYRIDONE COMPOUNDS**
[54] **SYNTHESE DE COMPOSES DE CARBAMOYLPYRIDONE POLYCYCLIQUES**
[72] CHIU, ANNA, US
[72] ENQUIST, JOHN, US
[72] GRIGGS, NOLAN, US
[72] HALE, CHRISTOPHER, US
[72] IKEMOTO, NORIHIRO, US
[72] KEATON, KATIE ANN, US
[72] KRAFT, MATT, US
[72] LAZERWITH, SCOTT E., US
[72] LEEMAN, MICHEL, NL
[72] PENG, ZHIHUI, US
[72] SCHRIER, KATE, US
[72] TRINIDAD, JONATHAN, US
[72] HERPT, JOCHEM VAN, NL
[72] WALTMAN, ANDREW W., US
[71] GILEAD SCIENCES, INC., US
[85] 2016-11-24
[86] 2015-06-16 (PCT/US2015/036017)
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[30] US (62/015,081) 2014-06-20

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[13] A1
[51] **Int.Cl. C07D 498/18 (2006.01) A61K 31/537 (2006.01) A61P 31/18 (2006.01)**
[25] EN
[54] **SODIUM (2R,5S,13AR)-7,9-DIOXO-10-((2,4,6-TRIFLUOROBENZYL)CARBAMOYL)-2,3,4,5,7,9,13,13A-OCTAHYDRO-2,5-METHANOPYRIDO[1',2':4,5]PYRAZINO[2,1-B][1,3]OXAZEPIN-8-OLATE**
[54] **(2R,5S,13AR)-7,9-DIOXO-10-((2,4,6-TRIFLUOROBENZYL)CARBAMYL)-2,3,4,5,7,9,13,13A-OCTAHYDRO-2,5-METHANOPYRIDO[1',2':4,5]PYRAZINO[2,1-B][1,3]OXAZEPIN-8-OLATE DE SODIUM**
[72] CARRA, ERNEST A., US
[72] CHEN, IRENE, US
[72] ZIA, VAHID, US
[71] GILEAD SCIENCES, INC., US
[85] 2016-11-24
[86] 2015-06-19 (PCT/US2015/036757)
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[51] **Int.Cl. C07D 498/18 (2006.01) A61K 31/537 (2006.01) A61P 31/18 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF (2R,5S,13AR)-8-HYDROXY-7,9-DIOXO-N-(2,4,6-TRIFLUOROBENZYL)-2,3,4,5,7,9,13,13A-OCTAHYDRO-2,5-METHANOPYRIDO[1',2':4,5]PYRAZINO[2,1-B][1,3]OXAZEPINE-10-CARBOXAMIDE**
[54] **FORMES CRISTALLINES DE (2R,5S,13AR)-8-HYDROXY-7,9-DIOXO-N-(2,4,6-TRIFLUOROBENZYL)-2,3,4,5,7,9,13,13A-OCTAHYDRO-2,5-METHANPYRIDO[1',2':4,5]PYRAZINO 2,1-B][1,3]OXAZEPINE-10-CARBOXAMIDE**
[72] CARRA, ERNEST A., US
[72] CHEN, IRENE, US
[72] KEATON, KATIE ANN, US
[72] ZIA, VAHID, US
[71] GILEAD SCIENCES, INC., US
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[86] 2015-06-19 (PCT/US2015/036784)
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[54] **COMPOSITIONS AND METHODS FOR ENHANCING THE TOPICAL APPLICATION OF A COLOR COSMETIC**
[54] **COMPOSITIONS ET METHODES PERMETTANT D'AMELIORER L'APPLICATION TOPIQUE D'UN PRODUIT COSMETIQUE COLORE**
[72] FASSIH, ALI, US
[72] PRILUTSKY, ANNA, US
[72] SUN, YING, US
[72] ZHU, VIVIAN, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
[85] 2016-11-24
[86] 2015-05-27 (PCT/US2015/032551)
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[51] **Int.Cl. C07C 51/44 (2006.01) C07C 29/80 (2006.01) C07C 41/16 (2006.01) C07C 51/377 (2006.01) C07C 67/54 (2006.01)**
[25] EN
[54] **PROCESS FOR THE CO-PRODUCTION OF ACETIC ACID AND DIMETHYL ETHER**
[54] **PROCEDE DE COPRODUCTION D'ACIDE ACETIQUE ET D'ETHER DIMETHYLIQUE**
[72] BECKERS, MAREIKE, GB
[72] BRISTOW, TIMOTHY CRISPIN, GB
[71] BP CHEMICALS LIMITED, GB
[85] 2016-11-25
[86] 2015-06-12 (PCT/EP2015/063141)
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[30] EP (14173355.0) 2014-06-20
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[13] A1
[51] **Int.Cl. C07C 67/54 (2006.01) C07C 41/16 (2006.01) C07C 41/42 (2006.01) C07C 51/377 (2006.01)**
[25] EN
[54] **PROCESS FOR PURIFYING METHYL ACETATE MIXTURES**
[54] **PROCEDE DE PURIFICATION DE MELANGES D'ACETATE DE METHYLE**
[72] BRISTOW, TIMOTHY CRISPIN, GB
[71] BP CHEMICALS LIMITED, GB
[85] 2016-11-25
[86] 2015-06-12 (PCT/EP2015/063147)
[87] (WO2015/193182)
[30] EP (14173354.3) 2014-06-20

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[13] A1
[51] **Int.Cl. C07C 51/377 (2006.01) C07C 41/16 (2006.01) C07C 43/04 (2006.01) C07C 53/08 (2006.01)**
[25] EN
[54] **PROCESS FOR THE CO-PRODUCTION OF ACETIC ACID AND DIMETHYL ETHER**
[54] **PROCEDE DE COPRODUCTION D'ACIDE ACETIQUE ET D'ETHER DIMETHYLIQUE**
[72] BRISTOW, TIMOTHY CRISPIN, GB
[71] BP CHEMICALS LIMITED, GB
[85] 2016-11-25
[86] 2015-06-12 (PCT/EP2015/063148)
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[30] EP (14173349.3) 2014-06-20

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[51] **Int.Cl. C07C 51/377 (2006.01)**
[25] EN
[54] **IMPROVED CATALYTIC PERFORMANCE IN PROCESSES FOR PREPARING ACETIC ACID**
[54] **PERFORMANCE CATALYTIQUE AMELIOREE DANS DES PROCEDES DE PREPARATION D'ACIDE ACETIQUE**
[72] DANIEL, BERIAN JOHN, GB
[72] SUNLEY, JOHN GLENN, GB
[72] TAYLOR, RUSSELL ALAN, GB
[72] ARMITAGE, GARETH GERALD, GB
[71] BP CHEMICALS LIMITED, GB
[85] 2016-11-25
[86] 2015-06-12 (PCT/EP2015/063151)
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[30] EP (14173358.4) 2014-06-20

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[13] A1
[51] **Int.Cl. C07C 51/377 (2006.01) C07C 41/09 (2006.01) C10K 1/16 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF DIMETHYL ETHER FROM GASEOUS MIXTURES OF CARBON MONOXIDE, HYDROGEN AND METHYL ACETATE**
[54] **PROCEDE POUR LA PRODUCTION D'ETHER DIMETHYLIQUE A PARTIR DE MELANGES GAZEUX DE MONOXYDE DE CARBONE, D'HYDROGENE ET D'ACETATE DE METHYLE**
[72] BRISTOW, TIMOTHY CRISPIN, GB
[71] BP CHEMICALS LIMITED, GB
[85] 2016-11-25
[86] 2015-06-12 (PCT/EP2015/063153)
[87] (WO2015/193186)
[30] EP (14173351.9) 2014-06-20

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[13] A1
[51] **Int.Cl. C07C 51/377 (2006.01) C07C 41/16 (2006.01)**
[25] EN
[54] **PROCESS FOR THE CO-PRODUCTION OF ACETIC ACID AND DIMETHYL ETHER**
[54] **PROCEDE DE CO-PRODUCTION D'ACIDE ACETIQUE ET D'ETHER DIMETHYLIQUE**
[72] BRISTOW, TIMOTHY CRISPIN, GB
[71] BP CHEMICALS LIMITED, GB
[85] 2016-11-25
[86] 2015-06-12 (PCT/EP2015/063157)
[87] (WO2015/193188)
[30] EP (14173357.6) 2014-06-20

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[13] A1
[51] **Int.Cl. C12N 9/54 (2006.01) C11D 3/386 (2006.01) C11D 7/42 (2006.01) C12N 9/48 (2006.01)**
[25] EN
[54] **SUBTILASE VARIANTS AND POLYNUCLEOTIDES ENCODING SAME**
[54] **VARIANTS DE SUBTILASE ET POLYNUCLEOTIDES CODANT POUR CEUX-CI**
[72] RASMUSSEN, FRANK WINTHER, DK
[72] HANSEN, PETER KAMP, DK
[72] CHRISTENSEN, LARS LEHMANN HYLLING, DK
[71] NOVOZYMES A/S, DK
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[87] (WO2016/001449)
[30] DK (PA 2014 00367) 2014-07-04

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[51] **Int.Cl. C07D 513/04 (2006.01) A61K 31/519 (2006.01) C07D 487/04 (2006.01) C07D 498/04 (2006.01)**
[25] EN
[54] **FUSED BICYCLIC HETEROAROMATIC DERIVATIVES AS KINASE INHIBITORS**
[54] **DERIVES HETEROAROMATIQUES BICYCLIQUES CONDENSES UTILISES COMME INHIBITEURS DE KINASE**
[72] FORD, DANIEL JAMES, GB
[72] HUANG, QIUYA, BE
[72] NEUSS, JUDI CHARLOTTE, GB
[72] REUBERSON, JAMES THOMAS, GB
[72] VANDERHOYDONCK, BART, BE
[71] UCB BIOPHARMA SPRL, BE
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, K.U.LEUVEN R&D, BE
[85] 2016-11-29
[86] 2015-06-11 (PCT/EP2015/063051)
[87] (WO2015/193168)
[30] GB (1410816.1) 2014-06-17

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[13] A1
[51] **Int.Cl. F22B 37/00 (2006.01) G01N 27/30 (2006.01)**
[25] EN
[54] **METHOD OF MEASURING AND MONITORING CONDUCTIVITY IN-SITU IN HIGH TEMPERATURE AQUEOUS SYSTEMS**
[54] **PROCEDE DE MESURE ET DE SURVEILLANCE DE CONDUCTIVITE IN SITU DANS DES SYSTEMES AQUEUX A HAUTE TEMPERATURE**
[72] KREMER, LAWRENCE N., US
[72] DUNN, SIDNEY A., US
[72] FULMER, DAVID N., US
[72] RUMPF, REGIS R., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2016-11-29
[86] 2015-05-29 (PCT/US2015/033298)
[87] (WO2015/195299)
[30] US (62/012,816) 2014-06-16

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[25] EN
[54] **NOVEL IMMUNOTHERAPY AGAINST SEVERAL TUMORS OF THE BLOOD, IN PARTICULAR CHRONIC LYMPHOID LEUKEMIA (CLL)**
[54] **NOUVELLE IMMUNOTHERAPIE DIRIGEE CONTRE PLUSIEURS TUMEURS DU SANG, EN PARTICULIER LA LEUCEMIE LYMPHOIDE CHRONIQUE (LLC)**
[72] STICKEL, JULIANE, DE
[72] KOWALEWSKI, DANIEL, DE
[72] RAMMENSEE, HANS-GEORG, DE
[72] STEVANOVIC, STEFAN, DE
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
[85] 2016-11-30
[86] 2015-06-17 (PCT/EP2015/063566)
[87] (WO2015/193359)
[30] US (62/014,849) 2014-06-20
[30] GB (1411037.3) 2014-06-20

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[13] A1
[51] **Int.Cl. C07C 251/20 (2006.01) A61K 8/41 (2006.01) A61Q 17/04 (2006.01)**
[25] EN
[54] **TOPICAL FORMULATIONS FOR UV PROTECTION**
[54] **FORMULATIONS TOPIQUES DE PROTECTION CONTRE LES UV**
[72] QVIT-RAZ, NOGA, US
[71] TOPGENIX, INC., US
[85] 2016-12-01
[86] 2015-06-15 (PCT/US2015/035803)
[87] (WO2015/195546)
[30] US (62/013,276) 2014-06-17

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[13] A1
[51] **Int.Cl. C12P 7/04 (2006.01) C10L 1/02 (2006.01) C12P 7/06 (2006.01) C12P 7/10 (2006.01) C12P 7/14 (2006.01) C12P 7/16 (2006.01) C12P 19/00 (2006.01)**
[25] FR
[54] **IBE FERMENTATION METHOD**
[54] **PROCEDE DE FERMENTATION IBE**
[72] LOPES FERREIRA, NICOLAS, FR
[72] AYMARD, CAROLINE, FR
[72] MARCHAL, REMY, FR
[72] MONOT, FREDERIC, FR
[71] IFP ENERGIES NOUVELLES, FR
[85] 2016-12-06
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[71] GUANGDONG XINBAO ELECTRICAL APPLIANCES HOLDINGS CO., LTD., CN
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[54] **PARTICULE DE CATALYSEUR ET SON PROCEDE DE PRODUCTION**
[72] BROWN, DAVID P., FI
[72] REYNAUD, OLIVIER, FI
[72] ANISIMOV, ANTON SERGEEVICH, FI
[72] NASIBULIN, ALBERT G., FI
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[72] HANISCH, MARCO, DE
[71] K-FEE SYSTEM GMBH, DE
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[54] **PROCEDES PERMETTANT DE DURCIR DANS LE CHAMP DES COUCHES D'EFFET OPTIQUE PRODUITES PAR DES DISPOSITIFS DE GENERATION DE CHAMP MAGNETIQUE GENERANT DES LIGNES DE CHAMP CONCAVES**
[72] LOGINOV, EVGENY, CH
[72] SCHMID, MATHIEU, CH
[72] DESPLAND, CLAUDE-ALAIN, CH
[72] DEGOTT, PIERRE, CH
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[71] AMO DEVELOPMENT, LLC, US
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[54] **UTILISATION D'UN FILAMENT DE POLYMERE EXPANSIBLE, ET TISSU EXPANSE**
[72] VAN DER GAAG, FREDERIK JAN, NL
[72] HARMELING, FRANCESCO ANTONIUS LODEWIJK, NL
[71] TEN CATE THIOLON B.V., NL
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[54] **PRODUITS ET PROCEDES POUR ISOLER DES MITOCHONDRIES**
[72] MCCULLY, JAMES D., US
[72] COWAN, DOUGLAS B., US
[72] PACAK, CHRISTINA A., US
[72] LEVITSKY, SIDNEY, US
[71] CHILDRENS' MEDICAL CENTER CORPORATION, US
[71] BETH ISRAEL DEACONESS MEDICAL CENTER, INC., US
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[54] **APPAREIL DE RELAIS DE COMMUNICATION SANS FIL, METHODE DE REPONSE AUTOMATIQUE DESTINEE A UN APPAREIL DE RELAIS DE COMMUNICATION SANS FIL ET SUPPORT INFORMATIQUE NON TRANSITOIRE**
[72] KOBAYASHI, TAKAHIRO, JP
[71] NEC PLATFORMS, LTD., JP
[85] 2016-12-19
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[54] **CONVEYING AND DISTRIBUTING APPARATUS FOR SLAUGHTERED FISH**
[54] **DISPOSITIF DE TRANSPORT ET DE DISTRIBUTION POUR DES POISSONS EVISCERES**
[72] JACOBSEN, ULF, DE
[71] NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG, DE
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[54] **METHODE DE DETECTION D'UNE RESISTANCE AU H2O2 CHEZ LE CRUSTACE**
[72] KAUR, KIRANPREET, NO
[72] HORSBERG, TOR EINAR, NO
[72] HELGESEN, KARI MARIE OLLI, NO
[71] PATOGEN ANALYSE AS, NO
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[54] **DEVICE, WORK STATION AND METHOD FOR CUTTING THE HEAD OFF A SLAUGHTERED ANIMAL'S CARCASS**
[54] **DISPOSITIF, POSTE DE TRAVAIL ET PROCEDE POUR COUPER LA TETE D'UNE CARCASSE D'UN ANIMAL ABATTU**
[72] KOSTER, NIELS ANTONIO WILLIAM, NL
[72] TIGGELOVEN, LEONARDUS JOZEPHUS ANTONIUS, NL
[71] HUMBOLDT B.V., NL
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[54] **METHOD FOR VISUAL CAPTURE OF DATA RELATING TO ANIMALS THAT ARE TO BE SLAUGHTERED FROM AN ANIMAL THAT IS TO BE SLAUGHTERED**
[54] **PROCEDE DE SAISIE VISUELLE DE DONNEES RELATIVES A UN ANIMAL DE BOUCHERIE SUR UN ANIMAL DE BOUCHERIE**
[72] SCHIMITZEK, PETER, DE
[71] CSB-SYSTEM AG, DE
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[54] **PROTEINES DE LIAISON NKP46 MULTISPECIFIQUES**
[72] GAUTHIER, LAURENT, FR
[72] ANCERIZ, NADIA, FR
[72] MOREL, ARIANE, FR
[72] ROSSI, BENJAMIN, FR
[71] INNATE PHARMA, FR
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[54] **ANTIBODIES AND ANTIGEN-BINDING FRAGMENTS THAT SPECIFICALLY BIND TO MICROTUBULE-ASSOCIATED PROTEIN TAU**
[54] **ANTICORPS ET FRAGMENTS DE LIAISON A L'ANTIGENE QUI SE LIENT SPECIFIQUEMENT A LA PROTEINE TAU ASSOCIEE AUX MICROTUBULES**
[72] WADIA, JEHANGIR, US
[72] PASCUAL, GABRIEL, US
[72] WILLIAMSON, ROBERT ANTHONY, NL
[72] RADOSEVIC, KATARINA, NL
[72] GOUDSMIT, JAAP, NL
[71] JANSSEN VACCINES & PREVENTION B.V., NL
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[54] **ANTIBODIES AND ANTIGEN-BINDING FRAGMENTS THAT SPECIFICALLY BIND TO MICROTUBULE-ASSOCIATED PROTEIN TAU**
[54] **ANTICORPS ET FRAGMENTS DE LIAISON A L'ANTIGENE QUI SE LIENT SPECIFIQUEMENT A LA PROTEINE TAU ASSOCIEE AUX MICROTUBULES**
[72] WADIA, JEHANGIR, US
[72] PASCUAL, GABRIEL, US
[72] WILLIAMSON, ROBERT ANTHONY, NL
[72] RADOSEVIC, KATARINA, NL
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[54] **METHOD OF PRODUCING GRANULAR PET FOOD**
[54] **PROCEDE DE PRODUCTION DE NOURRITURE GRANULAIRE POUR ANIMAUX DOMESTIQUES**
[72] INOUE, KAZUNORI, JP
[72] MIYAMOTO, KATSUNORI, JP
[71] UNICHARM CORPORATION, JP
[85] 2016-12-16
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[54] **METHOD OF PRODUCING PET FOOD**
[54] **PROCEDE DE FABRICATION D'ALIMENTS POUR ANIMAUX DE COMPAGNIE**
[72] YOSHIDA, KOTARO, JP
[72] USUI, MUNEHIRO, JP
[71] UNICHARM CORPORATION, JP
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[54] **METHOD OF PRODUCING PET FOOD**
[54] **PROCEDE DE PRODUCTION DE NOURRITURE POUR ANIMAUX DOMESTIQUES**
[72] INOUE, KAZUNORI, JP
[72] MIYAMOTO, KATSUNORI, JP
[71] UNICHARM CORPORATION, JP
[85] 2016-12-16
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[54] **THIN-FILM COMPOSITE RETRIEVABLE ENDOVASCULAR DEVICES AND METHOD OF USE**
[54] **DISPOSITIFS ENDOVASCULAIRES COMPOSITES A FILM FIN, RECUPERABLES, ET PROCEDE D'UTILISATION**
[72] CHOUBEY, ANIMESH, US
[72] MARREY, RAMESH, US
[71] CORDIS CORPORATION, US
[85] 2016-12-16
[86] 2015-06-17 (PCT/US2015/036122)
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[54] **SYSTEME D'ANNULOPLASTIE**
[72] KERANEN, OLLI, SE
[72] O'CARROLL, GER, IE
[71] MEDTENTIA INTERNATIONAL LTD OY, FI
[85] 2016-12-19
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[54] **APTAMERS SPECIFIC FOR TLR-4 AND USES THEREOF**
[54] **APTAMERES SPECIFIQUES DU RECEPTEUR TLR-4 ET LEURS UTILISATIONS**
[72] LIZASOAIN HERNANDEZ, IGNACIO, ES
[72] GONZALEZ MUNOZ, VICTOR MANUEL, ES
[72] FERNANDEZ GOMEZ-CHACON, GERONIMO, ES
[72] MORO SANCHEZ, MARIA ANGELES, ES
[72] MARTIN PALMA, Mª ELENA, ES
[72] MORAGA YEBENES, ANA, ES
[71] APTUS BIOTECH, S.L., ES
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[54] **NOUVELLE COMPOSITION DE PRODUIT DE CONFISERIE**
[72] BUSOLIN, ANDRE, FR
[72] BARRE, ANTOINE, FR
[71] ROQUETTE FRERES, FR
[85] 2016-12-20
[86] 2015-07-01 (PCT/FR2015/051817)
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[54] **NOVEL SWEETENING COMPOSITION**
[54] **NOUVELLE COMPOSITION EDULCORANTE**
[72] ORTIZ DE ZARATE, DOMINIQUE, FR
[72] LAGACHE, SYLVIE, FR
[72] BUSOLIN, ANDRE, FR
[72] BARRE, ANTOINE, FR
[71] ROQUETTE FRERES, FR
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[25] FR
[54] **METHOD FOR MANUFACTURING A DEVICE COMPRISING A HERMETICALLY SEALED VACUUM HOUSING AND GETTER**
[54] **PROCEDE DE FABRICATION D'UN DISPOSITIF COMPRENANT UN BOITIER HERMETIQUE SOUS VIDE ET UN GETTER**
[72] FAVIER, JEROME, FR
[72] BUNEL, DAVID, FR
[71] ULIS, FR
[85] 2016-12-20
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[54] **METHODS FOR INDUCING INSULIN PRODUCTION AND USES THEREOF**
[54] **METHODES POUR INDUIRE LA PRODUCTION D'INSULINE ET UTILISATIONS DE CEUX-CI**
[72] HERRERA, PEDRO L., CH
[72] THOREL, FABRIZIO, FR
[72] CHERA, SIMONA, NO
[71] UNIVERSITE DE GENEVE, CH
[85] 2016-12-20
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[54] **METHOD OF PRODUCING GRANULAR PET FOOD**
[54] **PROCEDE DE FABRICATION D'ALIMENTS SOUS FORME DE GRANULES POUR DES ANIMAUX DE COMPAGNIE**
[72] MIYAMOTO, KATSUNORI, JP
[72] INOUE, KAZUNORI, JP
[71] UNICHARM CORPORATION, JP
[85] 2016-12-20
[86] 2015-04-15 (PCT/JP2015/061619)
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[51] **Int.Cl. C01B 25/32 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING POROUS CALCIUM DEFICIENT HYDROXYAPATITE GRANULES**
[54] **PROCEDE DE PRODUCTION DE GRANULES POREUX D'HYDROXYAPATITE DEFICIENTE EN CALCIUM**
[72] DE GASPARO, ALEX, CH
[72] VAN GARDEREN, NOEMIE, CH
[72] BOHNER, MARC, CH
[72] SEEHERMAN, HOWARD, US
[72] VANDERPLOEG, ERIC, US
[71] MATHYS AG BETTLACH, CH
[71] BIOVENTUS LLC, US
[85] 2016-12-21
[86] 2015-06-22 (PCT/CH2015/000092)
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[25] EN
[54] **NANOSCALE DEVICE COMPRISING AN ELONGATED CRYSTALLINE NANOSTRUCTURE**
[54] **DISPOSITIF D'ECHELLE NANOMETRIQUE COMPRENANT UNE NANOSTRUCTURE CRISTALLINE DE FORME ALLONGEE**
[72] KROGSTRUP, PETER, DK
[72] JESPERSEN, THOMAS SAND, DK
[72] MARCUS, CHARLES M., DK
[72] NYGARD, JESPER, DK
[71] UNIVERSITY OF COPENHAGEN, DK
[85] 2016-12-21
[86] 2015-07-02 (PCT/EP2015/065110)
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[30] EP (14175342.6) 2014-07-02
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[51] **Int.Cl. H05B 37/02 (2006.01) F21S 10/06 (2006.01)**
[25] EN
[54] **A METHOD FOR DRIVING A LIGHT SOURCE, A DRIVER SYSTEM TO DRIVE A LIGHT SOURCE AND A LUMINAIRE COMPRISING SAID LIGHT SOURCE AND DRIVER SYSTEM**
[54] **PROCEDE POUR ATTAQUER UNE SOURCE DE LUMIERE, SYSTEME D'ATTAQUE POUR ATTAQUER UNE SOURCE DE LUMIERE, ET LUMINAIRE COMPRENANT LADITE SOURCE DE LUMIERE ET LEDIT SYSTEME D'ATTAQUE**
[72] SAES, MARC, NL
[71] ELDOLAB HOLDING B.V., NL
[85] 2016-12-21
[86] 2015-06-25 (PCT/NL2015/050462)
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[72] HURLEY, WILLIAM CARL, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
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[54] **LIBRARY PREPARATION OF TAGGED NUCLEIC ACID USING SINGLE TUBE ADD-ON PROTOCOL**
[54] **PREPARATION DE BIBLIOTHEQUE D'ACIDE NUCLEIQUE MARQUE A L'AIDE D'UN PROTOCOLE ADDITIF A L'AIDE D'UN TUBE UNIQUE**
[72] KAPER, FIONA, US
[72] CANN, GORDON, US
[71] ILLUMINA, INC., US
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[54] **GROUND EFFECT BASED SURFACE SENSING IN AUTOMATED AERIAL VEHICLES**
[54] **DETECTION DE LA SURFACE BASEE SUR L'EFFET DE SOL DANS LES VEHICULES AERIENS AUTOMATISES**
[72] NAVOT, AMIR, US
[72] BECKMAN, BRIAN C., US
[72] BUCHMUELLER, DANIEL, US
[72] KIMCHI, GUR, US
[72] HENSEL, FABIAN, US
[72] GREEN, SCOTT A., US
[72] PORTER, BRIAN WILLIAM, US
[72] RAULT, SEVERAN SYLVAIN JEAN-MICHEL, US
[71] AMAZON TECHNOLOGIES, INC., US
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[54] **ASSEMBLAGE D'ADN A MEDIATION PAR UNE NUCLEASE**
[72] SCHOENHERR, CHRIS, US
[72] MCWHIRTER, JOHN, US
[72] MOMONT, COREY, US
[72] MACDONALD, LYNN, US
[72] MURPHY, ANDREW J., US
[72] WARSHAW, GREGG S., US
[72] ROJAS, JOSE F., US
[72] LAI, KA-MAN VENUS, US
[72] VALENZUELA, DAVID M., US
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[54] **METHODS AND COMPOSITIONS FOR TARGETED GENETIC MODIFICATIONS AND METHODS OF USE**
[54] **PROCEDES ET COMPOSITIONS POUR MODIFICATION GENETIQUES CIBLEES ET PROCEDES D'UTILISATION**
[72] FRENDEWEY, DAVID, US
[72] DROGUETT, GUSTAVO, US
[72] GAGLIARDI, ANTHONY, US
[72] KUNO, JUNKO, US
[72] AUERBACH, WOJTEK, US
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[54] **BANQUES DE VNAR DE REQUIN-NOURRICE SEMI-SYNTHETIQUES POUR LA PREPARATION ET L'UTILISATION DE COMPOSES DE LIAISON SELECTIFS**
[72] HASLER, JULIEN, GB
[72] RUTKOWSKI, JULIA LYNN, US
[71] OSSIANIX, INC., US
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[54] **MULTI-SPECIFIC ANTIBODY CONSTRUCTS**
[54] **CONSTRUCTIONS D'ANTICORPS MULTI-SPECIFIQUES**
[72] BHATTA, PALLAVI, GB
[72] DAVE, EMMA, GB
[72] HEYWOOD, SAM PHILIP, GB
[72] HUMPHREYS, DAVID PAUL, GB
[71] UCB BIOPHARMA SPRL, BE
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[54] **ADAPTER FOR CONTACTING A CIRCUIT BREAKER TO A BUSBAR SYSTEM**
[54] **ADAPTATEUR POUR LA MISE EN CONTACT D'UN DISJONCTEUR SUR UN SYSTEME DE BARRES OMNIBUS**
[72] BASTIAN, ANDREAS, DE
[71] RITTAL GMBH & CO. KG, DE
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[54] **VOLTAGE-SOURCE CONVERTER FULL BRIDGE MODULE IGBT CONFIGURATION AND VOLTAGE-SOURCE CONVERTER**
[54] **CONFIGURATION IGBT DE MODULE EN PONT COMPLET DE CONVERTISSEUR DE SOURCE DE TENSION, ET CONVERTISSEUR DE SOURCE DE TENSION**
[72] RAUBO, ROMAN, US
[72] FURYK, MAREK, US
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
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[54] **PRECISION OPTICAL MOUNT FOR OPTICAL DEVICES**
[54] **SUPPORT OPTIQUE DE PRECISION POUR DES DISPOSITIFS OPTIQUES**
[72] MARR, LYALE F., US
[72] HARTNETT, DOUGLAS J., US
[72] WHITE, RANDY W., US
[72] SCOTT, RICHARD L., US
[71] RAYTHEON COMPANY, US
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[54] **TECHNIQUES DE MAINTIEN DU FLUX LUMINEUX ET DE COMPENSATION DU DECALAGE CHROMATIQUE A L'AIDE D'UN FAISCEAU LASER**
[72] LI, MING, US
[72] DAI, QI, CN
[72] CHEN, KENG, US
[71] OSRAM SYLVANIA INC., US
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[54] **COMPENSATION DE CAPTEUR DE VARIABLE DE PROCESSUS HYSTERETIQUE**
[72] WILLCOX, CHARLES RAY, US
[71] ROSEMOUNT INC., US
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[54] **AMPLIFICATEUR AUDIO**
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[71] DEVIALET, FR
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[25] EN
[54] **MOUNTING BASE FOR WIRED ELECTRICAL COMPONENT, CORRESPONDING LIGHTING MODULE, METHOD FOR PRODUCING A RELATED MODULE, AND CORRESPONDING GARMENT**
[54] **EMBASE DE SUPPORT POUR COMPOSANT ELECTRIQUE CABLE, MODULE D'ECLAIRAGE CORRESPONDANT, PROCEDE DE REALISATION D'UN MODULE ASSOCIE ET VETEMENT CORRESPONDANT**
[72] ZIEDER, DAVID, FR
[71] IDZ CONCEPT, FR
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[25] EN
[54] **INTERCONNECTING OPTICAL FIBERS AT A HYDROCARBON FLUID PRODUCTION FACILITY**
[54] **INTERCONNEXION DE FIBRES OPTIQUES DANS UNE INSTALLATION DE PRODUCTION DE FLUIDE HYDROCARBONE**
[72] BAAIJENS, MATHEUS NORBERTUS, NL
[72] BIRCH, WILLIAM, GB
[72] VAN ROOYEN, ARTHUR ALEXANDER, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[25] EN
[54] **PLUG ADAPTER FOR AN ELECTRICAL DEVICE FOR PLUGGING IN SUPPLY LINES AND SYSTEM FORMED BY A PLUG ADAPTER AND A DEVICE**
[54] **ADAPTATEUR DE CONNEXION POUR APPAREIL ELECTRIQUE POUR CONNECTER DES LIGNES D'ALIMENTATION ELECTRIQUE ET SYSTEME CONSTITUE D'UN ADAPTATEUR DE CONNEXION ET D'UN APPAREIL**
[72] KONIETZKO, THOMAS, DE
[72] KNORRCHEN, OLIVER, DE
[72] STANKE, STEPHAN, DE
[71] EATON ELECTRICAL IP GMBH & CO. KG, DE
[85] 2017-01-05
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[54] **BOITIER ET ENSEMBLE**
[72] KUPPEL, KLAUS, DE
[72] ARNDT, KARL HEINZ, DE
[71] EATON ELECTRICAL IP GMBH & CO. KG, DE
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[54] **RADIO-LABELLED ANTIBODY FRAGMENTS FOR USE IN THE PREVENTION AND/OR TREATMENT OF CANCER**
[54] **FRAGMENTS D'ANTICORPS RADIOMARQUES POUR UTILISATION DANS LA PREVENTION ET/OU LE TRAITEMENT DU CANCER**
[72] LAHOUTTE, TONY, BE
[72] DEVOOGDT, NICK, BE
[72] D'HUYVETTER, MATTHIAS, BE
[72] DE VOS, JENS, BE
[71] VRIJE UNIVERSITEIT BRUSSEL, BE
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[54] **CHARGE RAPIDE DE PILE AU MOYEN D'UNE RETROACTION NUMERIQUE**
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[72] IRISH, LINDA STACEY, US
[71] QUALCOMM INCORPORATED, US
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[25] EN
[54] **APPARATUS AND METHODS FOR ELECTRICALLY GROUNDING AT LEAST ONE MAT IN A LOAD-SUPPORTING SURFACE**
[54] **APPAREIL ET METHODES DE MISE A LA TERRE DE MANIERE ELECTRIQUE D'AU MOINS UN TAPIS SUR UNE SURFACE SUPPORTANT UNE CHARGE**
[72] MCDOWELL, JAMES KERWIN, US
[72] DURIO, KENNETH EDWARD, US
[71] NEWPARK MATS & INTEGRATED SERVICES LLC, US
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[54] **SYSTEMS AND METHODS FOR PROVIDING TARGETED ADVERTISEMENTS TO A CHARGING STATION FOR ELECTRIC VEHICLES**
[54] **SYSTEMES ET PROCEDES DE FOURNITURE DE PUBLICITES CIBLEES A UNE STATION DE CHARGEMENT POUR VEHICULES ELECTRIQUES**
[72] MENENDEZ, MICHAEL, US
[72] MERCER, SCOTT, US
[71] VOLTA INDUSTRIES, LLC, US
[85] 2017-01-06
[86] 2015-07-10 (PCT/US2015/039883)
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[54] **METHOD AND SYSTEM FOR RECOVERY OF METHANE FROM HYDROCARBON STREAMS**
[54] **PROCEDE ET SYSTEME POUR RECUPERATION DE METHANE A PARTIR DE COURANTS D'HYDROCARBURES**
[72] ANDRE, MATTHIAS, DE
[72] TOTA, DESISLAVA, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[85] 2017-01-09
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[54] **BLOC ISOLANT**
[72] DAVILA, EVA, BE
[72] MOMMER, CEDRIC, BE
[71] KNAUF INSULATION SPRL, BE
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[25] EN
[54] **DEVICE FOR HARVESTING DIRECT LIGHT AND DIFFUSE LIGHT FROM A LIGHT SOURCE**
[54] **DISPOSITIF DE COLLECTE DE LUMIERE DIRECTE ET DE LUMIERE DIFFUSE PROVENANT D'UNE SOURCE DE LUMIERE**
[72] MORRIS, NIGEL, CA
[72] MORGAN, JOHN PAUL, CA
[72] MYRSKOG, STEFAN, CA
[72] BARNES, BRETT, CA
[72] SINCLAIR, MICHAEL, CA
[71] MORGAN SOLAR INC., CA
[85] 2017-01-09
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[54] **MODULAR OPTICAL FIBER DISTRIBUTION HUB WITH MULTI-ROW SPLITTER MODULE MOUNTING STRUCTURE**
[54] **CONCENTRATEUR DE DISTRIBUTION DE FIBRE OPTIQUE MODULAIRE DOTE D'UNE STRUCTURE DE MONTAGE DE MODULES REPARTITEURS A PLUSIEURS RANGEES**
[72] MONTALVO URBANO, ADRIANA, MX
[72] SANCHEZ GARCIA, SERGIO, MX
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
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[54] **CONTROL DEVICE AND METHOD FOR MINIMIZING SCALE FACTOR ERRORS OF A ROTATION RATE SENSOR**
[54] **DISPOSITIF DE CONTROLE ET METHODE DE REDUCTION DES ERREURS DE FACTEUR D'ECHELLE D'UN CAPTEUR DE VITESSE DE ROTATION**
[72] OHMBERGER, RALF RICHARD, DE
[72] ZIMMERMANN, STEFFEN, DE
[71] NORTHROP GRUMMAN LITEF GMBH, DE
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[54] **OPTICAL FIBER DISTRIBUTION HUB WITH FIBER ROUTING STRUCTURES**
[54] **CONCENTRATEUR DE DISTRIBUTION DE FIBRES OPTIQUES AYANT DES STRUCTURES DE ROUTAGE DE FIBRES**
[72] MONTALVO URBANO, ADRIANA, MX
[72] SANCHEZ GARCIA, SERGIO, MX
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
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[25] EN
[54] **SYSTEM AND METHOD FOR TEACHING PRE-KEYBOARDING AND KEYBOARDING**
[54] **SYSTEME ET PROCEDE D'APPRENTISSAGE DE LA PRE-SAISIE AU CLAVIER ET DE LA SAISIE AU CLAVIER**
[72] OLSEN, JANICE Z., US
[72] KNAPTON, EMILY, US
[72] OLSEN, ERIC, US
[72] WALNOCK, ROBERT, US
[72] ISAAC, HANK, US
[72] SKLAREW, RALPH, US
[71] NO TEARS LEARNING INC., US
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[25] EN
[54] **METHOD FOR WATERPROOFING BLANKS OF SHOES, GLOVES, ITEMS OF CLOTHING AND OTHER CLOTHING ACCESSORIES, BLANKS WATERPROOFED WITH THE METHOD, SHOES, GLOVES, ITEMS OF CLOTHING AND OTHERCLOTHING ACCESSORIES PROVIDED WITH_THE WATERPROOFED BLANKS**
[54] **PROCEDE D'IMPERMEABILISATION A L'EAU D'EBAUCHES DE CHAUSSURES, DE GANTS, DE VETEMENTS ET D'AUTRES ACCESSOIRES VESTIMENTAIRES, EBAUCHES IMPERMEABILISEES A L'EAU A L'AIDE DU PROCEDE, CHAUSSURES, GANTS, VETEMENTS ET AUTRES ACCESSOIRES VESTIMENTAIRES COMPRENANT LES EBAUCHES IMPERMEABILISEES A L'EAU**
[72] POLEGATO MORETTI, MARIO, IT
[72] TOFFOLETTO, MARTA, IT
[72] MATTIONI, BRUNO, IT
[71] GEOX S.P.A., IT
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[54] **VOLATILE APPLICATIONS AGAINST PATHOGENS**
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[72] MALEFYT, TIM, US
[71] AGROFRESH INC., US
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[54] **DISPOSITIF RECHARGEABLE PERMETTANT LA PREVENTION DE COURTS-CIRCUITS**
[72] BERNAUER, DOMINIQUE, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **COATED FASTENERS WITH CONFORMING SEALS**
[54] **FIXATIONS REVETUES DOTEES DE JOINTS D'ETANCHEITES CONFORMANT**
[72] KAMAL, MANISH, US
[72] HAYLOCK, LUKE, US
[72] MULAZIMOGLU, HASIM, US
[72] LIEBSCHER, ANDREAS, US
[72] RIZZA, GREGORY, US
[72] PINHEIRO, RODRIGO, US
[72] PRACHUMSRI, WUDHIDHAM, US
[71] ARCONIC INC., US
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[54] **BAG FILTER ASSEMBLY**
[54] **ENSEMBLE SAC FILTRANT**
[72] FALL, RONALD, US
[72] CLEMONS, WILLIAM T., US
[71] PARKER-HANNIFIN CORPORATION, US
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[86] 2015-07-29 (PCT/US2015/042644)
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[54] **USE OF NEGATIVE FUNCTIONAL MODULATORS OF ERYTHROPOIETIN FOR THERAPY**
[54] **UTILISATION THERAPEUTIQUE DE MODULATEURS FONCTIONNELS INHIBANT L'ERYTHROPOIETINE**
[72] MARFIA, GIOVANNI, IT
[72] NAVONE, STEFANIA ELENA, IT
[72] SCALVINI, GIUSEPPE, IT
[72] RIBONI, LAURA, IT
[72] CAMPANELLA, ROLANDO, IT
[71] ANDREMACON S.R.L., IT
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[54] **A HUMAN MACHINE INTERFACE DEVICE FOR AIRCRAFT**
[54] **DISPOSITIF D'INTERFACE HOMME-MACHINE POUR AERONEF**
[72] ZAMMIT-MANGION, DAVID, MT
[72] JEDRUSZEK, MATEUSZ, MT
[72] MUSCAT, ALAN, MT
[71] UNIVERSITY OF MALTA, MT
[71] QUAERO LTD., MT
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[25] EN
[54] **POSITIONING DEVICE FOR SECURING AN INTRAMEDULLARY NAIL IN A LONG BONE**
[54] **DISPOSITIF DE POSITIONNEMENT POUR FIXER UN CLOU INTRAMEDULLAIRE DANS UN OS LONG**
[72] LUO, HAO, DE
[72] SCHREIBER, ULRICH, DE
[71] OT MEDIZINTECHNIK GMBH, DE
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[54] **DUST BOOT FOR A MOVEABLE JOINT**
[54] **SOUFFLET PARE-POUSSIERE POUR UN RACCORD MOBILE**
[72] PARKER, GLEN C., US
[72] SELLERS, ROGER, US
[72] RAUCH, PETE, US
[72] BYRNES, THOMAS, US
[71] FEDERAL-MOGUL MOTORPARTS CORPORATION, US
[85] 2017-01-17
[86] 2015-06-22 (PCT/US2015/036871)
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[54] **END FITTING FOR DISPOSABLE SPACER**
[54] **EMBOUT POUR DISPOSITIF D'ESPACEMENT JETABLE**
[72] BRUIN, RONALD, GB
[72] SANDERS, MARK, GB
[71] CLEMENT CLARKE INTERNATIONAL LTD, GB
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[54] **COMPACT NEBULIZER FOR FRESHENING THE AIR**
[54] **NEBULISEUR COMPACT POUR RAFRAICHIR L'AIR**
[72] GSCHWIND, MICHEL, FR
[72] RICHARD, FREDERIC, FR
[72] SABRAOUI, ABBAS, FR
[71] ARECO FINANCES ET TECHNOLOGIE - ARFITEC, FR
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[86] 2015-07-07 (PCT/FR2015/051877)
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[54] **ARTIFICIAL INSEMINATION PROBE FOR A LIVESTOCK ANIMAL SUCH AS A PIG**
[54] **SONDE D'INSEMINATION ARTIFICIELLE D'UN ANIMAL D'ELEVAGE TEL QU'UN PORCIN**
[72] SCHMITT, ERIC, FR
[72] GORGES, JEAN-CHARLES, FR
[71] IMV TECHNOLOGIES, FR
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[86] 2015-08-03 (PCT/FR2015/052138)
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[25] EN
[54] **PROCESS FOR THE PRODUCTION OF CEMENTITIOUS MATERIAL**
[54] **PROCEDE DE PRODUCTION D'UN MATERIAU CIMENTAIRE**
[72] JONKERS, HENDRIK MARIUS, NL
[72] MORS, RENEE MARIA, NL
[71] TECHNISCHE UNIVERSITEIT DELFT, NL
[85] 2017-01-13
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[25] EN
[54] **PASSENGER SUITE SEATING ARRANGEMENT WITH MOVEABLE VIDEO MONITOR**
[54] **AGENCEMENT DE SIEGE DE SALON POUR PASSAGERS COMPORTANT UN MONITEUR VIDEO MOBILE**
[72] HENSHAW, ROBERT J., US
[71] B/E AEROSPACE, INC., US
[85] 2017-01-17
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[25] EN
[54] **LAUNDRY DETERGENT COMPOSITION**
[54] **COMPOSITION DETERGENTE POUR LE LINGE**
[72] MAES, JEF ANNIE ALFONS, BE
[72] DE POORTERE, JOHAN MAURICE THEO, BE
[72] BODET, JEAN-FRANCOIS, BE
[72] MATTHYS, BRUNO JEAN-PIERRE, BE
[72] BOUTOILLE, ALICE MICHELE, BE
[72] FERNANDEZMARTINEZ, LUCIA, BE
[71] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
[54] **LAUNDRY DETERGENT COMPOSITION**
[54] **COMPOSITION DE LESSIVE**
[72] MAES, JEF ANNIE ALFONS, BE
[72] DE POORTERE, JOHAN MAURICE THEO, BE
[72] BODET, JEAN-FRANCOIS, BE
[72] MATTHYS, BRUNO JEAN-PIERRE, BE
[72] BOUTOILLE, ALICE MICHELE, BE
[72] FERNANDEZMARTINEZ, LUCIA, BE
[71] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
[54] **LAUNDRY DETERGENT COMPOSITION**
[54] **COMPOSITION DE LESSIVE**
[72] DEPOOT, KAREL JOZEF MARIA, BE
[72] VAN ELSEN, KATRIEN ANDREA LIEVEN, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-01-17
[86] 2015-08-06 (PCT/US2015/043985)
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[25] EN
[54] **LAUNDRY DETERGENT COMPOSITION**
[54] **COMPOSITION DE DETERGENT A LESSIVE**
[72] DEPOOT, KAREL JOZEF MARIA, BE
[72] VAN ELSEN, KATRIEN ANDREA LIEVEN, BE
[71] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
[54] **MONITORING SYSTEM FOR A REFUELING STATION**
[54] **SYSTEME DE SURVEILLANCE POUR UNE STATION DE REMPLISSAGE DE CARBURANT**
[72] WALSH, JAY JERARD, US
[72] O'LEARY, LISA MARIE, US
[72] NELSON, BILL, US
[71] FRANKLIN FUELING SYSTEMS, INC., US
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[51] **Int.Cl. C11D 17/08 (2006.01) C11D 1/83 (2006.01) C11D 3/37 (2006.01)**
[25] EN
[54] **SOLUBLE UNIT DOSE COMPRISING A LAUNDRY DETERGENT COMPOSITION**
[54] **DOSE UNITAIRE SOLUBLE CONTENANT UNE COMPOSITION DE DETERGENT TEXTILE**
[72] DE POORTERE, JOHAN MAURICE THEO, BE
[72] MAES, JEF, ANNIE ALFONS, BE
[72] BODET, JEAN-FRANCOIS, BE
[72] MATTHYS, BRUNO JEAN-PIERRE, BE
[72] BOUTOILLE, ALICE MICHELE, BE
[72] FERNANDEZ-MARTINEZ, LUCIA, BE
[72] LANGEVIN, REBECCA ANN, US
[72] KLUESENER, BERNARD WILLIAM, US
[72] PANANDIKER, RAJAN KESHAV, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[51] **Int.Cl. A61B 18/20 (2006.01) A61F 9/02 (2006.01)**
[25] FR
[54] **PULSED LIGHT THERAPY ASSEMBLY**
[54] **ENSEMBLE DE TRAITEMENT A LUMIERE PULSEE**
[72] SAFRAOUI, GEORGES, FR
[71] EUROFEEDBACK, FR
[85] 2017-01-17
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[25] EN
[54] **KITCHEN APPLIANCE FOR PROCESSING FOODSTUFF**
[54] **APPAREIL DE CUISINE POUR LA TRANSFORMATION DE PRODUITS ALIMENTAIRES**
[72] BODUM, JORGEN, CH
[71] PI-DESIGN AG, CH
[85] 2017-01-18
[86] 2015-06-10 (PCT/EP2015/062928)
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[51] **Int.Cl. F25B 39/04 (2006.01) F25B 5/02 (2006.01) F25B 6/04 (2006.01) F25B 25/00 (2006.01) F25B 41/00 (2006.01)**
[25] EN
[54] **COLD PRODUCTION FACILITY, INCLUDING MEANS FOR CONDENSING BY AIR AND BY WATER SIMULTANEOUSLY, AND PROCESS FOR IMPLEMENTING SAID FACILITY**
[54] **INSTALLATION DE PRODUCTION DE FROID COMPRENANT DES MOYENS DE CONDENSATION A LA FOIS PAR AIR ET PAR EAU, AINSI QUE SON PROCEDE DE MISE EN OEUVRE**
[72] BRESSON, LOIC, FR
[72] SAILHAN, JEAN-FRANCOIS, FR
[72] PORTAL, DENIS, FR
[71] REGANDSY & HATES SARL, LU
[85] 2017-01-18
[86] 2015-07-22 (PCT/EP2015/066766)
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[25] EN
[54] **ELECTRICAL CONNECTOR FOR AN ELECTROSURGICAL APPARATUS**
[54] **CONNECTEUR ELECTRIQUE POUR APPAREIL ELECTROCHIRURGICAL**
[72] HANCOCK, CHRISTOPHER PAUL, GB
[72] AMOAH, FRANCIS, GB
[72] EBBUTT, JULIAN MARK, GB
[72] GARDNER, JEREMY PAUL, GB
[72] CROSSLEY, ROBIN ALEXANDER, GB
[72] MONICO, ROHAN, GB
[71] CREO MEDICAL LIMITED, GB
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[86] 2015-07-20 (PCT/GB2015/052099)
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[51] **Int.Cl. A61M 5/168 (2006.01) A61J 15/00 (2006.01) A61M 5/142 (2006.01)**
[25] EN
[54] **DETECTION SYSTEM FOR FLOW CONTROL APPARATUS**
[54] **APPAREIL DE COMMANDE D'ECOULEMENT COMPRENANT UN SYSTEME DE DETECTION**
[72] BOULANGER, JASON, US
[72] HUDSON, JOSEPH, US
[72] TRELFORD, LESTER PAUL, US
[71] COVIDIEN LP, US
[85] 2017-01-18
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[13] A1
[51] **Int.Cl. F02C 7/277 (2006.01) F01D 19/00 (2006.01) F02C 7/262 (2006.01)**
[25] FR
[54] **PNEUMATIC DEVICE FOR RAPIDLY REACTIVATING A TURBINE ENGINE, ARCHITECTURE FOR A PROPULSION SYSTEM OF A MULTI-ENGINE HELICOPTER PROVIDED WITH SUCH A DEVICE, AND CORRESPONDING HELICOPTER**
[54] **DISPOSITIF PNEUMATIQUE DE REACTIVATION RAPIDE D'UN TURBOMOTEUR, ARCHITECTURE D'UN SYSTEME PROPULSIF D'UN HELICOPTERE MULTI-MOTEUR EQUIPE D'UN TEL DISPOSITIF ET HELICOPTERE CORRESPONDANT**
[72] THIRIET, ROMAIN, FR
[72] MOULON, FREDERIC, FR
[72] SERGHINE, CAMEL, FR
[71] SAFRAN HELICOPTER ENGINES, FR
[85] 2017-01-18
[86] 2015-07-21 (PCT/FR2015/052009)
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[51] **Int.Cl. B66F 11/04 (2006.01) B62D 21/00 (2006.01) B62D 55/00 (2006.01) B66F 7/28 (2006.01) B66F 17/00 (2006.01) E04G 1/22 (2006.01) E04G 3/28 (2006.01)**
[25] EN
[54] **A LEVELLING GROUP FOR AERIAL WORK PLATFORMS**
[54] **GROUPE DE REGLAGE DE NIVEAU POUR PLATE-FORME DE TRAVAUX AERIENS**
[72] ARTONI, ANDREA, IT
[72] AGOSTA DEL FORTE, PIETRO, IT
[71] ALMAC S.R.L., IT
[85] 2017-01-18
[86] 2015-07-21 (PCT/IB2015/001224)
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[30] IT (RE2014A000072) 2014-08-04

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[25] FR
[54] **DISPOSITIF DE PROTECTION CONTRE LA FOUDRE**
[54] **DEVICE FOR PROTECTING FROM LIGHTNING**
[72] ASPAS PUERTOLAS, JESUS, FR
[72] COUDEYRE, DAMIEN, FR
[72] FARGEOT, SYLVIE, FR
[72] SELLIER, ALEXANDRE, FR
[72] DE LUSTRAC, ANDRE, FR
[72] PIAU, GERARD PASCAL, FR
[71] AIRBUS SAFRAN LAUNCHERS SAS, FR
[85] 2017-01-18
[86] 2015-07-24 (PCT/EP2015/067060)
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[30] FR (14 57223) 2014-07-25

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[25] EN
[54] **HIGH TEMPERATURE RESISTANT INSULATION MAT**
[54] **TAPIS D'ISOLATION RESISTANT AUX HAUTES TEMPERATURES**
[72] CHAUHAN, DIGVIJAY SINGH, US
[72] KUMAR, AMIT, US
[72] LACKI, THOMAS S., US
[71] UNIFRAX I LLC, US
[85] 2017-01-18
[86] 2015-09-04 (PCT/US2015/048566)
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[30] US (62/120,133) 2015-02-24
[30] US (62/183,368) 2015-06-23

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[51] **Int.Cl. B64C 1/14 (2006.01) B64F 5/10 (2017.01) B64C 1/06 (2006.01) B64C 1/08 (2006.01)**
[25] FR
[54] **LINTEL STRUCTURE FOR AIRCRAFT FUSELAGE AND FUSELAGE COMPRISING SUCH A LINTEL**
[54] **STRUCTURE DE LINTEAU POUR FUSELAGE D'AERONEF ET FUSELAGE COMPORTANT UN TEL LINTEAU**
[72] DUCOURNAU, HERVE, FR
[72] PRUDENT, ALAIN, FR
[72] GAUCHET, FLORIAN, FR
[71] STELIA AEROSPACE, FR
[85] 2017-01-18
[86] 2015-07-17 (PCT/EP2015/066485)
[87] (WO2016/009075)
[30] FR (1456975) 2014-07-18

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[51] **Int.Cl. C23C 8/80 (2006.01) B23K 9/235 (2006.01)**
[25] FR
[54] **METHOD FOR TREATING A NITRIDED/NITROCARBURISED PART**
[54] **PROCEDE DE TRAITEMENT D'UNE PIECE NITRUREE/NITROCARBUREE**
[72] GRANDJEAN, STEPHAN, FR
[72] PROST, FABRICE, FR
[71] H.E.F., FR
[85] 2017-01-19
[86] 2015-07-16 (PCT/FR2015/051944)
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[30] FR (1457028) 2014-07-21

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[51] **Int.Cl. B29C 70/32 (2006.01) F01D 21/04 (2006.01) F01D 25/24 (2006.01)**
[25] EN
[54] **CASING FOR AN AIRCRAFT ENGINE, AND METHOD FOR PRODUCING A CASING OF SAID TYPE**
[54] **REVETEMENT POUR MOTEUR D'AVION ET PROCEDE DE FABRICATION D'UN TEL REVETEMENT**
[72] NELBOCK, GUNTER, AT
[72] WURTINGER, ANDREAS, AT
[72] FURST, WALTER, AT
[71] FACC AG, AT
[85] 2017-01-17
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[54] **PIECE DE JONCTION POUR TIGE DE PISTON**
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[71] NUOVO PIGNONE SRL, IT
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[25] FR
[54] **METHOD FOR CONTROLLING A BISTABLE SHUTOFF VALVE FOR AN AIRCRAFT ENGINE**
[54] **PROCEDE DE COMMANDE D'UNE VANNE D'ARRET BISTABLE POUR MOTEUR D'AERONEF**
[72] BUJON, IRENE, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[54] **STIRRING DEVICE**
[54] **SYSTEME D'ORGANE D'AGITATION**
[72] KELLER, WOLFGANG, FR
[72] ROHN, NICOLE, DE
[72] MULTNER, BENJAMIN, DE
[71] EKATO RUHR- UND MISCHTECHNIK GMBH, DE
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[86] 2015-07-16 (PCT/EP2015/066315)
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[54] **A GLASS COATING COMPOSITION**
[54] **COMPOSITION DE REVETEMENT A BASE DE VERRE**
[72] ASHWORTH, JOHN, GB
[71] FLEXITALLIC INVESTMENTS, INC., US
[85] 2017-01-18
[86] 2015-07-08 (PCT/GB2015/051983)
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[30] GB (1413073.6) 2014-07-23
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[25] EN
[54] **TUBE WITH APPLICATION TIP**
[54] **TUBE AVEC EMBOUT APPLICATEUR**
[72] HABIG, JORG, DE
[72] HINXLAGE, WILFRIED, DE
[71] BAYER ANIMAL HEALTH GMBH, DE
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[25] EN
[54] **INTELLIGENT SEA WATER COOLING SYSTEM**
[54] **SYSTEME INTELLIGENT DE REFROIDISSEMENT D'EAU DE MER**
[72] YIN, DAN, US
[72] WERNER, STEFAN, DE
[72] MARTIN, CHRISTIAN, DE
[72] HOFFMAN, MARTIN, DE
[72] MCKINSTRY, DAVID, US
[71] IMO INDUSTRIES, INC., US
[85] 2017-01-19
[86] 2015-07-13 (PCT/US2015/040145)
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[25] FR
[54] **OVERSPEED PROTECTION DEVICE OF AN AIRCRAFT ENGINE**
[54] **DISPOSITIF DE PROTECTION CONTRE SURVITESSE D'UN MOTEUR D'AERONEF**
[72] MONTOYA, MICHAEL, FR
[72] MARTI, NICOLAS, FR
[72] LANGFORD, STEPHEN, FR
[72] SAMSON, RAFAEL, FR
[71] SAFRAN ELECTRONICS & DEFENSE, FR
[71] SAFRAN HELICOPTER ENGINES, FR
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[86] 2015-07-21 (PCT/FR2015/052006)
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[51] **Int.Cl. C09K 11/61 (2006.01) H01L 33/50 (2010.01)**
[25] EN
[54] **RED-EMITTING PHOSPHORS, ASSOCIATED PROCESSES AND DEVICES**
[54] **LUMINOPHORES EMETTANT DANS LE ROUGE, DISPOSITIFS ET PROCEDES ASSOCIES**
[72] MURPHY, JAMES EDWARD, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2017-01-19
[86] 2015-07-20 (PCT/US2015/041102)
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[25] EN
[54] **INTELLIGENT SEAWATER COOLING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT D'EAU DE MER INTELLIGENT**
[72] YIN, DAN, US
[72] WERNER, STEFAN, DE
[72] LEMCKE, SOEREN, DE
[71] IMO INDUSTRIES, INC., US
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[25] EN
[54] **OSTEOSYNTHESIS DEVICE**
[54] **DISPOSITIF D'OSTEOSYNTHESE**
[72] TRAUTWEIN, FRANK THILO, DE
[72] HEUER, FRANK, DE
[72] OHNMACHT, TIMO, DE
[71] SILONY MEDICAL INTERNATIONAL AG, CH
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[86] 2015-07-15 (PCT/EP2015/066148)
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[25] FR
[54] **DEVICE AND METHOD FOR STORING THERMAL ENERGY**
[54] **DISPOSITIF ET PROCEDE POUR LE STOCKAGE D'ENERGIE THERMIQUE**
[72] LONGIS, ALEXANDRE, FR
[72] POURRAT, FRANCOIS, FR
[72] MORARD, JEAN-LOUIS, FR
[71] MULLER & CIE, FR
[85] 2017-01-20
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[51] **Int.Cl. B67D 1/07 (2006.01) A47J 31/41 (2006.01) A47J 31/60 (2006.01)**
[25] EN
[54] **FEED UNIT FOR FEEDING A LIQUID FOODSTUFF TO A BEVERAGE DISPENSING DEVICE AND METHOD FOR CLEANING AT LEAST ONE FEED UNIT FOR FEEDING A LIQUID FOODSTUFF TO A BEVERAGE DISPENSING DEVICE**
[54] **UNITE D'ALIMENTATION DESTINEE A INTRODUIRE UN ALIMENT LIQUIDE DANS UN DISTRIBUTEUR DE BOISSONS ET PROCEDE DE NETTOYAGE D'AU MOINS UNE UNITE D'ALIMENTATION DESTINEE A INTRODUIRE UNALIMENT LIQUIDE DANS UN DISTRIBUTEUR DE BOISSONS**
[72] TURI, MARIANO, CH
[72] VETTERLI, HEINZ, CH
[71] FRANKE KAFFEEMASCHINEN AG, CH
[85] 2017-01-20
[86] 2015-08-03 (PCT/EP2015/067792)
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[13] A1
[51] **Int.Cl. A47F 9/04 (2006.01)**
[25] EN
[54] **RECONFIGURABLE CHECKOUT STATION**
[54] **CAISSE DE PAIEMENT RECONFIGURABLE**
[72] DUBOIS, THIERRY, FR
[72] LUGUERN, PIERRE, FR
[72] MENGIN, CATHERINE, FR
[71] TOSHIBA GLOBAL COMMERCE SOLUTIONS HOLDINGS CORPORATION, JP
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[51] **Int.Cl. B66D 1/38 (2006.01) B66D 1/56 (2006.01) B66D 1/60 (2006.01) E01H 5/04 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR CONTROLLING AN AUXILIARY WINCH ASSEMBLY FOR MOVING A CRAWLER VEHICLE, IN PARTICULAR A SNOW GROOMER, ALONG STEEP SLOPES**
[54] **DISPOSITIF ET PROCEDE DE COMMANDE D'UN ENSEMBLE TREUIL AUXILIAIRE POUR DEPLACER UN VEHICULE A CHENILLE, EN PARTICULIER UNE DAMEUSE, LE LONG DE PENTES ABRUPTES**
[72] INSAM, MIRKO, IT
[72] RUNGGALDIER, MARTIN, IT
[71] PRINOTH S.P.A., IT
[85] 2017-01-20
[86] 2015-07-29 (PCT/IB2015/055730)
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[54] **COMPOSITE COMPRISING WELL TREATMENT AGENT AND/OR A TRACER ADHERED ONTO A CALCINED SUBSTRATE OF A METAL OXIDE COATED CORE AND A METHOD OF USING THE SAME**
[54] **COMPOSITE COMPORTANT UN AGENT DE TRAITEMENT DE PUITS ET/OU UN TRACEUR COLLES SUR UN SUBSTRAT CALCINE CONSTITUE D'UN NOYAU REVETU D'OXYDE METALLIQUE ET SON PROCEDE D'UTILISATION**
[72] GUPTA, D.V. SATYANARAYANA, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2017-01-20
[86] 2015-07-15 (PCT/US2015/040519)
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[51] **Int.Cl. C08L 23/36 (2006.01)**
[25] EN
[54] **A POLYETHYLENE BLEND COMPOSITION AND FILM MADE THEREFROM**
[54] **COMPOSITION DE MELANGE DE POLYETHYLENE ET FILM FABRIQUE A PARTIR DE CETTE DERNIERE**
[72] KARJALA, TERESA P., US
[72] GOMES, JORGE CAMINERO, BR
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-01-20
[86] 2015-07-14 (PCT/US2015/040290)
[87] (WO2016/014281)
[30] US (62/028,925) 2014-07-25

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[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 40/04 (2012.01) G06Q 50/32 (2012.01)**
[25] EN
[54] **BROADBAND ORTHOGONAL RESOURCE GROUPING**
[54] **GROUPAGE DE RESSOURCES ORTHOGONALES A LARGE BANDE**
[72] SMITH, CLINT, US
[72] SMITH, SAMUEL, US
[72] GANLEY, DECLAN, IE
[71] RIVADA NETWORKS, LLC, US
[85] 2017-01-20
[86] 2015-07-24 (PCT/US2015/041991)
[87] (WO2016/014943)
[30] US (62/028,446) 2014-07-24

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[51] **Int.Cl. A61B 17/12 (2006.01)**
[25] EN
[54] **COVERED EMBOLIC COILS**
[54] **SPIRES EMBOLIQUES RECOUVERTES**
[72] GARZA, ARMANDO, US
[71] INCUMEDX, INC., US
[85] 2017-01-20
[86] 2015-07-24 (PCT/US2015/042074)
[87] (WO2016/014985)
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[51] **Int.Cl. C08G 18/66 (2006.01) A61L 29/06 (2006.01) A61L 31/06 (2006.01) A61L 31/14 (2006.01) C08G 18/61 (2006.01) C08G 18/72 (2006.01) C08L 75/04 (2006.01)**
[25] EN
[54] **SELF-LUBRICATING POLYMER COMPOSITION**
[54] **COMPOSITION POLYMERE AUTO-LUBRIFIANTE**
[72] HERMEL-DAVIDOCK, THERESA, US
[72] LIM, LISA, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2017-01-20
[86] 2015-07-23 (PCT/US2015/041679)
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[30] US (62/027,840) 2014-07-23
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[51] **Int.Cl. C03B 23/09 (2006.01) C03B 23/13 (2006.01) F24J 2/05 (2006.01) F24J 2/46 (2006.01)**
[25] EN
[54] **METHOD FOR SEALING A DOUBLE-WALLED GLASS TUBE IN A VACUUM-TIGHT MANNER**
[54] **PROCEDE DE FERMETURE, DE FACON ETANCHE AU VIDE, D'UN TUBE DE VERRE A DOUBLE PAROI**
[72] STEINWANDEL, JUERGEN, DE
[72] PIRINGER, HELMUT, DE
[72] LAURE, STEFAN, DE
[71] AIRBUS DEFENCE AND SPACE GMBH, DE
[85] 2017-01-23
[86] 2015-06-24 (PCT/EP2015/001266)
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[51] **Int.Cl. A47D 13/08 (2006.01) A61H 3/00 (2006.01) A61H 99/00 (2006.01) A63B 69/00 (2006.01)**
[25] EN
[54] **DEVICE FOR ASSISTING THE CRAWLING OF AN INFANT**
[54] **DISPOSITIF D'AIDE A LA MARCHE A QUATRE PATTES D'UN BEBE**
[72] BARBU-ROTH, MARIANNE, FR
[72] FORMA, VINCENT, FR
[72] TEULIER, CAROLINE, FR
[72] ANDERSON, DAVID, US
[72] PROVASI, JOELLE, FR
[72] SCHAAL, BENOIST, FR
[71] UNIVERSITE PARIS DESCARTES, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] ECOLE PRATIQUE DES HAUTES ETUDES, FR
[71] SAN FRANCISCO STATE UNIVERSITY, US
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[87] (WO2016/009022)
[30] EP (14306163.8) 2014-07-17

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[51] **Int.Cl. F28D 21/00 (2006.01) F24F 3/147 (2006.01) F24F 12/00 (2006.01) F24F 13/30 (2006.01) F28D 9/00 (2006.01) F28F 7/00 (2006.01)**
[25] FR
[54] **ECHANGEUR ENTHALPIQUE AMELIORE**
[54] **IMPROVED ENTHALPY EXCHANGER**
[72] MARIOTTO, MATHIEU, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2017-01-23
[86] 2015-07-29 (PCT/EP2015/067425)
[87] (WO2016/016330)
[30] FR (14 57421) 2014-07-31

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[13] A1
[51] **Int.Cl. A61M 25/06 (2006.01) A61M 25/01 (2006.01)**
[25] FR
[54] **DEVICE FOR INSERTING A BLUNT-TIP CANNULA UNDER THE SKIN OF A PATIENT**
[54] **DISPOSITIF POUR L'INTRODUCTION D'UNE CANULE A BOUT ARRONDI SOUS LA PEAU D'UN PATIENT**
[72] SEBBAN, SANDRINE, FR
[72] CORBIN, JEAN YVES, FR
[72] VAUPRES, MAXIME, FR
[72] D'ESTAIS, MATHIAS, FR
[72] JEANSON, ISABELLE, FR
[71] SOFT MEDICAL AESTHETICS, FR
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[30] FR (1457592) 2014-08-04

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[51] **Int.Cl. H01M 4/90 (2006.01)**
[25] EN
[54] **COMPOSITION FOR FUEL CELL ELECTRODE**
[54] **COMPOSITION POUR ELECTRODE DE PILE A COMBUSTIBLE**
[72] JUNG, HWA YOUNG, US
[72] XING, ZHENGLIANG, US
[72] LIU, ZHIEN, US
[72] GOETTLER, RICHARD W., US
[72] ZHOU, XIAO-DONG, US
[72] DOGDIBEGOVIC, EMIR, US
[71] LG FUEL CELL SYSTEMS, INC., US
[71] UNIVERSITY OF SOUTH CAROLINA, US
[85] 2017-01-20
[86] 2015-07-21 (PCT/US2015/041392)
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[51] **Int.Cl. C08B 37/04 (2006.01) C12N 5/071 (2010.01) A61K 47/36 (2006.01) C08L 5/04 (2006.01) C12N 5/00 (2006.01)**
[25] EN
[54] **MODIFIED ALGINATES FOR ANTI-FIBROTIC MATERIALS AND APPLICATIONS**
[54] **ALGINATES MODIFIES POUR MATERIAUX ANTI-FIBROTIQUES ET APPLICATIONS ASSOCIEES**
[72] VEGAS, ARTURO J., US
[72] DOLOFF, JOSHUA C., US
[72] VEISEH, OMID, US
[72] MA, MINGLIN, US
[72] LANGER, ROBERT S., US
[72] ANDERSON, DANIEL G., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] THE CHILDREN'S MEDICAL CENTER CORPORATION, US
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[87] (WO2016/019391)
[30] US (62/032,148) 2014-08-01
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[51] **Int.Cl. A61B 5/145 (2006.01) A61B 5/00 (2006.01) A61F 13/02 (2006.01)**
[25] EN
[54] **CARRIER SYSTEM FOR A MEDICAL DEVICE WORN ON THE BODY**
[54] **SYSTEME DE SUPPORT POUR DISPOSITIF MEDICAL PORTE SUR LE CORPS**
[72] KUBE, OLIVER, DE
[72] WALTER, HELMUT, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2017-01-24
[86] 2015-07-28 (PCT/EP2015/067223)
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[25] EN
[54] **SYSTEM AND METHODS FOR DETECTING, MONITORING, AND REMOVING DEPOSITS ON BOILER HEAT EXCHANGER SURFACES USING VIBRATIONAL ANALYSIS**
[54] **SYSTEME ET PROCEDES POUR DETECTER, SURVEILLER ET ELIMINER DES DEPOTS SUR DES SURFACES D'ECHANGEUR DE CHALEUR DE CHAUDIERE PAR ANALYSE VIBRATOIRE**
[72] CARLIER, TIMOTHY M., US
[71] INTEGRATED TEST & MEASUREMENT (ITM), LLC, US
[85] 2017-01-24
[86] 2015-07-20 (PCT/US2015/041067)
[87] (WO2016/014379)
[30] US (14/340,661) 2014-07-25
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[13] A1
[51] **Int.Cl. B66B 3/02 (2006.01) B66B 1/44 (2006.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR DETERMINING ELEVATOR DATA BASED ON THE POSITION OF AN ELEVATOR CABIN**
[54] **PROCEDE ET AGENCEMENT POUR DETERMINER DES DONNEES D'ASCENSEUR SUR LA BASE DE LA POSITION D'UNE CABINE D'ASCENSEUR**
[72] VILLA, VALERIO, IT
[71] INVENTIO AG, CH
[85] 2017-01-24
[86] 2015-08-27 (PCT/EP2015/069702)
[87] (WO2016/030487)
[30] EP (14182871.5) 2014-08-29

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[51] **Int.Cl. H04L 1/20 (2006.01) H04L 29/14 (2006.01)**
[25] EN
[54] **VIDEO QUALITY ENHANCEMENT**
[54] **AMELIORATION DE QUALITE VIDEO**
[72] HASSAN, YOMNA, EG
[72] REHAN, MOHAMED, EG
[72] OYMAN, OZGUR, US
[71] INTEL CORPORATION, US
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[30] US (14/494,192) 2014-09-23

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[51] **Int.Cl. H04W 74/04 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR DETERMINING DEVICE-TO-DEVICE TRANSMISSION PATTERNS**
[54] **PROCEDES ET APPAREILS POUR DETERMINER DES MOTIFS DE TRANSMISSION DE DISPOSITIF A DISPOSITIF**
[72] TU, CHAO-CHENG, CA
[72] PELLETIER, BENOIT, CA
[72] MARINIER, PAUL, CA
[72] RUDOLF, MARIAN, CA
[71] INTERDIGITAL PATENT HOLDINGS, INC., US
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[86] 2015-08-05 (PCT/US2015/043853)
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[30] US (62/034,025) 2014-08-06
[30] US (62/054,809) 2014-09-24
[30] US (62/075,604) 2014-11-05

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[51] **Int.Cl. G01D 3/02 (2006.01) G01D 3/024 (2006.01) G01J 5/10 (2006.01)**
[25] EN
[54] **WIRELESS INDUSTRIAL PROCESS MONITOR**
[54] **DISPOSITIF DE SURVEILLANCE DE PROCESSUS INDUSTRIEL SANS FIL**
[72] SCHNAARE, THEODORE HENRY, US
[71] ROSEMOUNT INC., US
[85] 2017-02-03
[86] 2015-07-14 (PCT/US2015/040310)
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[30] US (14/499,719) 2014-09-29

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[13] A1
[51] **Int.Cl. G01N 24/08 (2006.01)**
[25] FR
[54] **METHODE DE DETERMINATION DE LA STABILITE D'UN PRODUIT PETROLIER CONTENANT DES ASPHALTENES**
[54] **METHOD FOR DETERMINING THE STABILITY OF A PETROLEUM PRODUCT CONTAINING ASPHALTENES**
[72] ADAM-BERRET, MATTHIEU, BE
[72] LAMOTTE, CHRISTIAN, BE
[72] MARCHAL, CHARLES, BE
[72] LACROIX, MAXIME, BE
[72] VENDRELL, GLORIA, FR
[71] TOTAL RAFFINAGE CHIMIE, FR
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[51] **Int.Cl. H04B 7/14 (2006.01) H04W 88/00 (2009.01)**
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[54] **SYSTEM FOR COUPLING WIRELESS REPEATER DONOR AND SERVER UNITS OVER CABLE**
[54] **SYSTEME DE COUPLAGE D'UNITES DONNEUSE ET SERVEUSE DE REPETEUR SANS FIL SUR CABLE**
[72] LOTTER, MICHAEL PETRUS, US
[71] NEXTIVITY, INC., US
[85] 2017-02-02
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[30] US (62/038,166) 2014-08-15

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[51] **Int.Cl. H04L 9/00 (2006.01)**
[25] FR
[54] **METHOD FOR ESTABLISHING OTA SESSIONS BETWEEN TERMINALS AND AN OTA SERVER, CORRESPONDING OTA SERVER AND REVERSE PROXY SERVER**
[54] **PROCEDE D'ETABLISSEMENT DE SESSIONS OTA ENTRE DES TERMINAUX ET UN SERVEUR OTA, SERVEUR OTA ET SERVEUR PROXY INVERSE CORRESPONDANTS**
[72] BERARD, XAVIER, FR
[72] AMIEL, PATRICE, FR
[72] TRESSOL, LUDOVIC, FR
[72] VALLES, GREGORY, FR
[71] GEMALTO SA, FR
[85] 2017-02-03
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[51] **Int.Cl. G01V 9/00 (2006.01)**
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[54] **CONDITIONING OF OBJECT OR EVENT BASED RESERVOIR MODELS USING LOCAL MULTIPLE-POINT STATISTICS SIMULATIONS**
[54] **CONDITIONNEMENT DE MODELES DE RESERVOIR A BASE D'OBJETS OU D'EVENEMENTS FAISANT APPEL A DES SIMULATIONS STATISTIQUES LOCALES A POINTS MULTIPLES**
[72] PYRCZ, MICHAEL JAMES, US
[72] STREBELLE, SEBASTIEN, US
[72] SUN, TAO, US
[71] CHEVRON U.S.A. INC., US
[85] 2017-02-06
[86] 2015-03-19 (PCT/US2015/021387)
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[54] **A METHOD OF STRATIGRAPHIC MODELING OF FAULTS**
[54] **PROCEDE DE MODELISATION STRATIGRAPHIQUE DE FAILLES**
[72] SUN, TAO, US
[72] PERLMUTTER, MARTIN, US
[72] PYRCZ, MICHAEL JAMES, US
[72] SULLIVAN, MORGAN, US
[72] HARRIS, ASHLEY, US
[71] CHEVRON U.S.A. INC., US
[85] 2017-02-06
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[51] **Int.Cl. H04W 72/10 (2009.01)**
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[54] **DEVICE-TO-DEVICE (D2D) PRE-EMPTION AND ACCESS CONTROL**
[54] **PREEMPTION ET CONTROLE D'ACCES DE DISPOSITIF A DISPOSITIF (D2D)**
[72] RUDOLF, MARIAN, CA
[72] PELLETIER, BENOIT, CA
[72] PANI, DIANA, CA
[72] MARINIER, PAUL, CA
[72] KAUR, SAMIAN, US
[72] FREDA, MARTINO M., CA
[71] INTERDIGITAL PATENT HOLDINGS, INC., US
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[25] EN
[54] **A SYSTEM AND METHOD OF DETECTING WELL INTEGRITY FAILURE**
[54] **SYSTEME ET PROCEDE DE DETECTION DE DEFAILLANCE D'INTEGRITE D'UN PUITS**
[72] HOVERSTEN, GARY MICHAEL, US
[72] DALEY, THOMAS M., US
[72] KORNEEV, VALERI A., US
[71] CHEVRON U.S.A. INC., US
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[51] **Int.Cl. H04B 10/118 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR REDUCING SIGNAL FADING DUE TO ATMOSPHERIC TURBULENCE**
[54] **APPAREIL ET PROCEDE DE REDUCTION D'EVANOUISSEMENTS DE SIGNAUX DUS A DES TURBULENCES ATMOSPHERIQUES**
[72] BETIN, ALEXANDER A., US
[72] SHKUNOV, VLADIMIR V., US
[71] RAYTHEON COMPANY, US
[85] 2017-02-07
[86] 2015-06-24 (PCT/US2015/037551)
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[25] EN
[54] **MODULATED GUIDED SURFACE WAVES**
[54] **ONDES DE SURFACE GUIDEES MODULEES**
[72] CORUM, JAMES F., US
[72] CORUM, KENNETH L., US
[71] CPG TECHNOLOGIES, LLC, US
[85] 2017-02-07
[86] 2015-09-09 (PCT/US2015/049171)
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[25] EN
[54] **SUBSURFACE SENSING USING GUIDED SURFACE WAVE MODES ON LOSSY MEDIA**
[54] **DETECTION DE SUBSURFACE EN UTILISANT DES MODES D'ONDES DE SURFACE GUIDEES SUR DES MILIEUX A PERTE**
[72] CORUM, JAMES F., US
[72] CORUM, KENNETH L., US
[71] CPG TECHNOLOGIES, LLC, US
[85] 2017-02-07
[86] 2015-09-10 (PCT/US2015/049511)
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[51] **Int.Cl. H04W 74/02 (2009.01) H04W 74/06 (2009.01)**
[25] EN
[54] **ENHANCED RTS/CTS ENABLEMENT AND DETECTION**
[54] **ACTIVATION ET DETECTION RTS/CTS AMELIOREES**
[72] ZHOU, YAN, US
[72] BARRIAC, GWENDOLYN DENISE, US
[72] MERLIN, SIMONE, US
[72] CHERIAN, GEORGE, US
[71] QUALCOMM INCORPORATED, US
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[86] 2015-09-14 (PCT/US2015/050041)
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[51] **Int.Cl. G21K 5/08 (2006.01) H05H 6/00 (2006.01)**
[25] EN
[54] **CONTAINER, METHOD FOR OBTAINING SAME AND TARGET ASSEMBLY FOR THE PRODUCTION OF RADIOISOTOPES USING SUCH A CONTAINER**
[54] **CONTENEUR, SON PROCEDE D'OBTENTION, ET ENSEMBLE DE CIBLE POUR LA PRODUCTION DE RADIO-ISOTOPES UTILISANT UN TEL CONTENEUR**
[72] CONARD, MILO, BE
[71] NANOMARKER SPRL, BE
[85] 2017-01-05
[86] 2015-07-09 (PCT/EP2015/065687)
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[51] **Int.Cl. G06F 19/00 (2011.01) A61B 5/00 (2006.01) G06F 3/14 (2006.01)**
[25] EN
[54] **ELECTRONICALLY PREDICTING CORRECTIVE OPTIONS BASED ON A SENSED PHYSIOLOGICAL CHARACTERISTIC**
[54] **PREDICTION ELECTRONIQUE D'OPTIONS CORRECTIVES D'APRES UNE CARACTERISTIQUE PHYSIOLOGIQUE DETECTEE**
[72] TRYGSTAD, TROY, US
[72] MENIUS, ALAN, US
[72] PAINTER, JEFFERY L., JR., US
[71] COMMUNITY CARE OF NORTH CAROLINA, INC., US
[85] 2017-02-08
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[51] **Int.Cl. G06F 21/56 (2013.01)**
[25] EN
[54] **METHOD OF MALWARE DETECTION AND SYSTEM THEREOF**
[54] **PROCEDE DE DETECTION DE LOGICIEL MALVEILLANT ET SYSTEME ASSOCIE**
[72] WEINGARTEN, TOMER, IL
[72] COHEN, ALMOG, IL
[72] SHAMIR, UDI, IL
[72] MOTIL, KIRILL, IL
[71] SENTINEL LABS ISRAEL LTD., IL
[85] 2017-02-13
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[51] **Int.Cl. A61B 5/00 (2006.01) A61B 90/00 (2016.01)**
[25] EN
[54] **TISSUE INTERFACE**
[54] **INTERFACE DE TISSU**
[72] KLIMEK, SCOTT GREGORY, US
[72] RAUSCH, GREGORY J., US
[71] NONIN MEDICAL, INC., US
[85] 2017-02-15
[86] 2015-08-14 (PCT/US2015/045306)
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[30] US (62/057,065) 2014-09-29

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[51] **Int.Cl. B29D 11/00 (2006.01) G02B 1/04 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING WETTABLE SILICONE HYDROGEL CONTACT LENSES**
[54] **PROCEDE DE FABRICATION DE LENTILLES DE CONTACT EN HYDROGEL DE SILICONE MOUILLABLE**
[72] BRUCE, IAN, GB
[72] CHEN, CHARLIE, US
[72] FRITH, ROBIN, GB
[72] MARULLO, RACHEL, US
[72] MORSLEY, DAVID ROBERT, GB
[72] SIDDIQUI, AKM SHAHAB, US
[72] TRAN, VICTORIA, US
[71] COOPERVISION INTERNATIONAL HOLDING COMPANY, LP, BB
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[51] **Int.Cl. G06F 21/31 (2013.01) H04W 12/06 (2009.01) G06Q 20/40 (2012.01) H04L 9/32 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR DIGITAL AUTHENTICATION**
[54] **SYSTEME ET PROCEDE D'AUTHENTIFICATION NUMERIQUE**
[72] ASHFIELD, JAMES, US
[72] POOLE, THOMAS S., US
[72] DOUGLAS, LAWRENCE, US
[71] CAPITAL ONE SERVICES, LLC, US
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[86] 2015-08-17 (PCT/US2015/045483)
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[51] **Int.Cl. B65D 83/04 (2006.01)**
[25] EN
[54] **MEDICATION PACKAGING AND DOSE REGIMEN SYSTEM**
[54] **EMBALLAGE DE MEDICAMENT ET SYSTEME DE REGIME POSOLOGIQUE**
[72] MASTON, ANDREW, US
[72] TERHUNE, JOANNA, US
[72] WARDEN, JEFFREY, US
[72] HOLLAND, CHAD, US
[71] MYLAN INC., US
[85] 2017-02-15
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[51] **Int.Cl. A61F 5/56 (2006.01) A61M 16/04 (2006.01)**
[25] EN
[54] **ORAL APPLIANCE**
[54] **APPAREIL BUCCAL**
[72] THORNTON, W. KEITH, US
[72] MCAULEY, ALASTAIR, NL
[71] AIRWAY TECHNOLOGIES, LLC, US
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[51] **Int.Cl. G06Q 50/04 (2012.01) G06Q 50/22 (2012.01)**
[25] EN
[54] **MEDICAL PRODUCT SUPPORT PLATFORM**
[54] **PLATE-FORME D'ASSISTANCE DE PRODUIT MEDICAL**
[72] RUSIN, CHRISTOPHER T., US
[72] ALEXANDER, SCOTT F., US
[72] SIGGINS, KEITH D., US
[72] OSBORN, MARTIN J., US
[71] COVIDIEN LP, US
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[51] **Int.Cl. E21B 33/129 (2006.01) E21B 33/12 (2006.01) E21B 34/14 (2006.01) E21B 43/11 (2006.01) E21B 43/14 (2006.01)**
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[54] **OUTIL DE FOND DE PUITS ACTIONNE PAR FENTE**
[72] KENNEDY, BRIAN, US
[71] SHALE OIL TOOLS, LLC, US
[85] 2017-02-15
[86] 2015-08-31 (PCT/US2015/047775)
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[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/22 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **ROTATIONAL ATHERECTOMY DEVICE WITH EXCHANGEABLE DRIVE SHAFT AND MESHING GEARS**
[54] **DISPOSITIF D'ATHERECTOMIE ROTATIVE MUNI D'UN ARBRE D'ENTRAINEMENT ECHANGEABLE ET DE ROUES ENGRENEES**
[72] KARASTI, KRAIG A., US
[72] RYDBERG, NICHOLAS W., US
[72] NARVESON, CHRISTOPHER M., US
[72] SMITH, GREGORY H., US
[71] CARDIOVASCULAR SYSTEMS, INC., US
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[51] **Int.Cl. A01G 7/04 (2006.01)**
[25] EN
[54] **METHOD FOR INCREASING THE YIELD OF A FLOWERING PLANT**
[54] **PROCEDE POUR AUGMENTER LE RENDEMENT D'UNE PLANTE A FLEURS**
[72] SULEJMANI, MEMET, US
[71] SULEJMANI HOLDINGS, LLC, US
[85] 2017-02-15
[86] 2015-09-17 (PCT/US2015/050611)
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[30] US (62/051,593) 2014-09-17

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[25] EN
[54] **MEDICAMENT AND APPARATUS FOR TREATING CHRONIC KIDNEY DISEASE**
[54] **MEDICAMENT ET APPAREIL POUR LE TRAITEMENT DE MALADIE RENALE CHRONIQUE**
[72] ARMBRUSTER, FRANZ PAUL, DE
[71] IMMUNDIAGNOSTIK AG, DE
[85] 2017-02-16
[86] 2015-08-19 (PCT/EP2015/069098)
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[30] DE (10 2014 111 859.6) 2014-08-19

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[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGEMENT OF PAYEE INFORMATION**
[54] **SYSTEME ET PROCEDE DE GESTION D'INFORMATIONS DE BENEFICIAIRE**
[72] LINDEMAN, CHANTEL ALISON, ZA
[72] WILSON, SCOTT JOHN, ZA
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
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[30] ZA (2014/07318) 2014-10-09

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[51] **Int.Cl. A61L 9/04 (2006.01) A01M 1/20 (2006.01) A61L 9/02 (2006.01)**
[25] EN
[54] **EVAPORATION DEVICE FOR EVAPORATING VOLATILE SUBSTANCES**
[54] **DISPOSITIF D'EVAPORATION DE SUBSTANCES VOLATILES**
[72] RUIZ BALLESTEROS, JULIO CESAR, ES
[72] MAYOR SANS, FERNANDO, ES
[72] GARCIA FABREGAS, RUBEN, ES
[71] ZOBELE ESPANA, S.A., ES
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[51] **Int.Cl. H01Q 13/10 (2006.01) E04B 1/02 (2006.01) E04C 1/40 (2006.01) H01Q 1/12 (2006.01) H04B 7/145 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR GUIDING ELECTROMAGNETIC WAVES**
[54] **DISPOSITIF ET PROCEDE POUR GUIDER DES ONDES ELECTROMAGNETIQUES**
[72] LILJA, JUHA, FI
[71] STEALTHCASE OY, FI
[85] 2017-02-16
[86] 2015-08-19 (PCT/FI2015/050535)
[87] (WO2016/027007)
[30] FI (20145734) 2014-08-21

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/02 (2006.01)**
[25] EN
[54] **RNA-GUIDED SYSTEMS FOR PROBING AND MAPPING OF NUCLEIC ACIDS**
[54] **SYSTEMES GUIDES PAR ARN POUR SONDER ET CARTOGRAPHIER DES ACIDES NUCLEIQUES**
[72] CHURCH, GEORGE M., US
[72] VIGNEAULT, FREDERIC, US
[72] MIR, KALIM U., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2017-02-16
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[51] **Int.Cl. G06Q 10/00 (2012.01) G07C 11/00 (2006.01)**
[25] EN
[54] **VIRTUAL QUEUING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE MISE EN FILE D'ATTENTE VIRTUELLE**
[72] SCHWARTZ, JUSTIN MICHAEL, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2017-02-16
[86] 2015-08-19 (PCT/US2015/045897)
[87] (WO2016/028895)
[30] US (62/039,609) 2014-08-20
[30] US (14/829,227) 2015-08-18

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[51] **Int.Cl. F41C 23/16 (2006.01)**
[25] EN
[54] **ADJUSTABLE FREE-FLOAT FOREND/HANDGUARD MOUNTING ASSEMBLY**
[54] **ENSEMBLE REGLABLE DE MONTAGE DE FUT/GARDE-MAIN FLOTTANT**
[72] DZWILL, ALEXANDER EDWARD, US
[71] BERETTA USA CORP., US
[85] 2017-02-16
[86] 2015-08-19 (PCT/US2015/045925)
[87] (WO2016/028908)
[30] US (62/038,902) 2014-08-19

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[51] **Int.Cl. F24D 15/04 (2006.01) F24D 17/02 (2006.01)**
[25] EN
[54] **COMBINED HOT WATER AND AIR HEATING AND CONDITIONING SYSTEM INCLUDING HEAT PUMP**
[54] **SYSTEME COMBINE D'EAU CHAUDE ET DE CHAUFFAGE ET DE CONDITIONNEMENT D'AIR INCLUANT UNE POMPE A CHALEUR**
[72] DEIVASIGAMANI, SRIDHAR, US
[72] AKASAM, SIVAPRASAD, US
[71] INTELLIHOT GREEN TECHNOLOGIES, INC., US
[85] 2017-02-16
[86] 2015-08-20 (PCT/US2015/046186)
[87] (WO2016/029067)
[30] US (62/039,894) 2014-08-20

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[51] **Int.Cl. G06F 21/60 (2013.01)**
[25] EN
[54] **PRIVATE DATA MANAGEMENT SYSTEM AND METHOD THEREFOR**
[54] **SYSTEME DE GESTION DE DONNEES PRIVEES ET PROCEDE ASSOCIE**
[72] NAM, KI-WON, KR
[72] PARK, GIL-JU, KR
[71] NAM, KI-WON, KR
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[87] (WO2016/028027)
[30] KR (10-2014-0107267) 2014-08-18

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[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/158 (2006.01) A61M 39/02 (2006.01)**
[25] EN
[54] **HUBER SAFETY NEEDLE**
[54] **AIGUILLE DE SECURITE DE HUBER**
[72] GUNN, MATTHEW, US
[72] SHIMER, KURT, US
[72] SCHWEIKERT, TIMOTHY M., US
[72] FISHER, MARK S., US
[72] SANFORD, KEVIN, US
[71] MEDICAL COMPONENTS, INC., US
[85] 2017-02-16
[86] 2015-08-31 (PCT/US2015/047700)
[87] (WO2016/033585)
[30] US (62/043,906) 2014-08-29

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[51] **Int.Cl. G09B 21/00 (2006.01) G06F 3/0488 (2013.01)**
[25] FR
[54] **DEVICE ESPECIALLY FOR A DISPLAY FOR VISUALLY IMPAIRED PEOPLE AND DISPLAY COMPRISING SUCH A DEVICE**
[54] **DISPOSITIF NOTAMMENT POUR AFFICHEUR DESTINE A DES MALVOYANTS ET AFFICHEUR COMPORTANT UN TEL DISPOSITIF**
[72] LE ROUZO, DENIS, FR
[72] MAUDUIT, DAMIEN, FR
[71] INSIDE VISION, FR
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[51] **Int.Cl. A61C 7/08 (2006.01) A61C 7/00 (2006.01)**
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[54] **TRANSPARENT ALIGNER AND METHOD FOR MANUFACTURING SAME**
[54] **DISPOSITIF D'ALIGNEMENT TRANSPARENT ET SON PROCEDE DE FABRICATION**
[72] HONG, KYUNG JAE, KR
[71] HONG, KYUNG JAE, KR
[85] 2017-02-17
[86] 2015-08-20 (PCT/KR2015/008720)
[87] (WO2016/028106)
[30] KR (10-2014-0110024) 2014-08-22
[30] KR (10-2014-0110047) 2014-08-22
[30] KR (10-2014-0110034) 2014-08-22
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[30] KR (10-2014-0141139) 2014-10-17
[30] KR (10-2014-0141141) 2014-10-17
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[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/38 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROCESSING OF A REAL-TIME REBATE AT TRANSACTION AUTHORIZATION**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT D'UN RABAIS EN TEMPS REEL LORS D'UNE AUTORISATION DE TRANSACTION**
[72] CLARK, KYLE P., US
[72] GUINEY, CHRISTOPHER A., US
[72] PASTRANA, JENSEN JAMES E., US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2017-02-17
[86] 2015-08-19 (PCT/US2015/045887)
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[30] US (14/465,063) 2014-08-21

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[51] **Int.Cl. B02C 21/00 (2006.01) B03B 9/00 (2006.01) B29B 17/00 (2006.01) B29B 17/02 (2006.01)**
[25] EN
[54] **SYSTEM FOR COATING REMOVAL**
[54] **SYSTEME D'ENLEVEMENT D'UN REVETEMENT**
[72] TACKETT, DENNIS, US
[72] GELS, DOUGLAS R., US
[72] HEATER, KENNETH J., US
[71] GEO-TECH POLYMERS, LLC, US
[85] 2017-02-17
[86] 2015-08-19 (PCT/US2015/045932)
[87] (WO2016/028913)
[30] US (62/039,269) 2014-08-19

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[13] A1
[51] **Int.Cl. C11D 3/22 (2006.01) C09D 9/04 (2006.01)**
[25] EN
[54] **CAUSTIC AQUEOUS ALKYL POLYGLYCOSIDE STRIPPING COMPOSITION**
[54] **COMPOSITION DE DECAPAGE AQUEUSE ET CAUSTIQUE A BASE D'ALKYLPOLYGLYCOSIDES**
[72] GELS, DOUGLAS R., US
[72] HEATER, KENNETH J., US
[72] MCCOPPIN, ANNE B., US
[71] GEO-TECH POLYMERS, LLC, US
[85] 2017-02-17
[86] 2015-08-19 (PCT/US2015/045937)
[87] (WO2016/028915)
[30] US (62/039,203) 2014-08-19
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[51] **Int.Cl. G06F 3/14 (2006.01) G06F 3/0481 (2013.01) G06F 17/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING FOR DISPLAY HIERARCHICAL VIEWS OF CONTENT ORGANIZATION NODES ASSOCIATED WITH CAPTURED CONTENT AND FOR DETERMINING ORGANIZATIONAL IDENTIFIERS FOR CAPTURED CONTENT**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE FOURNIR A DES FINS D'AFFICHAGE DES VUES HIERARCHIQUES DE NOEUDS D'ORGANISATION DE CONTENU ASSOCIES A UN CONTENU CAPTURE ET DE DETERMINER DES IDEN TIFICATEURS ORGANISATIONNELS POUR LE CONTENU CAPTURE**
[72] MILLER, RICHARD D., US
[72] WITTMER, PHILIP, US
[72] SLUTERBECK, MICHAEL, US
[72] MYERS, JACOB AARON, US
[71] LEXISNEXIS, A DIVISION OF REED ELSEVIER INC., US
[85] 2017-02-17
[86] 2015-08-13 (PCT/US2015/045031)
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[51] **Int.Cl. C09D 9/04 (2006.01) C11D 3/20 (2006.01) C11D 3/22 (2006.01)**
[25] EN
[54] **DIESTER STRIPPING COMPOSITION**
[54] **COMPOSITION DE DECAPAGE AU DIESTER**
[72] HEATER, KENNETH J., US
[72] MCCOPPIN, ANNE B., US
[72] GELS, DOUGLAS R., US
[71] GEO-TECH POLYMERS, LLC, US
[85] 2017-02-17
[86] 2015-08-19 (PCT/US2015/045941)
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[51] **Int.Cl. C11D 3/22 (2006.01) C09D 9/04 (2006.01)**
[25] EN
[54] **CAUSTIC AQUEOUS ALKYLGLYCOSIDE STRIPPING COMPOSITION**
[54] **COMPOSITION DE DECAPAGE A BASE D'ALKYLGLYCOSIDES, AQUEUSE, CAUSTIQUE**
[72] GELS, DOUGLAS R., US
[72] MCCOPPIN, ANNE G., US
[72] HEATER, KENNETH J., US
[71] GEO-TECH POLYMERS, LLC, US
[85] 2017-02-17
[86] 2015-08-19 (PCT/US2015/045943)
[87] (WO2016/028920)
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[51] **Int.Cl. C12N 9/48 (2006.01) G01N 33/573 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **METHODS FOR PROPHYLAXIS AND/OR TREATMENT OF ERBB1 POSITIVE CANCERS**
[54] **METHODE DE PROPHYLAXIE ET/OU DE TRAITEMENT DE CANCERS ERBB1 POSITIFS**
[72] ZHANG, YUESHENG, US
[72] YANG, LU, US
[72] LI, YUN, US
[72] BHATTACHARYA, ARUP, US
[71] HEALTH RESEARCH, INC., US
[85] 2017-02-17
[86] 2015-08-20 (PCT/US2015/046000)
[87] (WO2016/028956)
[30] US (62/039,497) 2014-08-20

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[13] A1
[51] **Int.Cl. A61F 2/46 (2006.0[illegible] A61B 5/107 (2006.01) A61F 2/28 (2006.01)**
[25] EN
[54] **INTRA-OPERATIVE DETERMINATION OF DIMENSIONS FOR FABRICATION OF ARTIFICIAL BONE FLAP**
[54] **DETERMINATION INTRA-OPERATOIRE DE DIMENSIONS POUR LA FABRICATION DE VOLET OSSEUX ARTIFICIEL**
[72] PIRON, CAMERON, CA
[72] YUWARAJ, MURUGATHAS, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-02-17
[86] 2014-08-20 (PCT/CA2014/050798)
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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 20/34 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROMOTIONAL PROGRAMS**
[54] **SYSTEMES ET PROCEDES POUR DES PROGRAMMES PROMOTIONNELS**
[72] CHAKROBARTTY, SHUVRO, US
[72] NAIR, JAY, US
[72] PANKAJAKSHAN NAIR, SANDYA, US
[72] MEYER, SARA, US
[72] HURD, ALEX, US
[72] HODGES, MARINA, US
[72] SHERRILL, TED, US
[72] SOLIS, SAUL, US
[72] MANDAVA, HANUMANTHA, US
[72] DANDA, GOPI, US
[72] VENABLE, CHRIS, US
[72] HUNTER, SAMUEL, US
[71] WAL-MART STORES, INC., US
[85] 2017-02-17
[86] 2015-08-27 (PCT/US2015/047111)
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[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/06 (2006.01) A61F 13/10 (2006.01)**
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[54] **REDUCTION KITS**
[54] **KITS DE REDUCTION**
[72] LIPSHAW, MOSES, US
[72] KENNERKNECHT, TERESA, US
[72] RICHARDSON, THOMAS, US
[72] SHAW, SANDRA ANNE, US
[72] BENDER, DEAN J., US
[71] CIRCAID MEDICAL PRODUCTS, INC., US
[85] 2017-02-17
[86] 2015-09-02 (PCT/US2015/048201)
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[30] US (62/044,921) 2014-09-02

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[51] **Int.Cl. G06Q 10/10 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING MESSAGES BASED ON USER RANK**
[54] **SYSTEME ET PROCEDE POUR GERER DES MESSAGES D'APRES LE RANG DES UTILISATEURS**
[72] TOLLEY, DAN B., US
[72] TOLLEY, JOSEPH D, US
[71] TOLLEY, DAN B., US
[71] TOLLEY, JOSEPH D, US
[85] 2017-02-17
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[13] A1
[51] **Int.Cl. B65D 17/34 (2006.01)**
[25] EN
[54] **METAL END CLOSURE WITH AN EXTENDED SCORE WHICH IS OPENED WITH A SECONDARY TOOL**
[54] **FERMETURE D'EXTREMITE METALLIQUE COMPORTANT UNE INCISION ELARGIE OUVERTE A L'AIDE D'UN OUTIL SECONDAIRE**
[72] GATEWOOD, ERIK E., US
[72] JACOBER, MARK A., US
[71] BALL CORPORATION, US
[85] 2017-02-17
[86] 2015-08-19 (PCT/US2015/045839)
[87] (WO2016/028860)
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[51] **Int.Cl. A23C 9/12 (2006.01)**
[25] EN
[54] **A GAS INFUSED MILK PRODUCT AND METHOD OF MAKING THE SAME**
[54] **PRODUIT LAITIER A GAZ INJECTE ET PROCEDE DE FABRICATION ASSOCIE**
[72] SIZER, CHARLES, US
[72] SIZER, CHARLIE, US
[72] JEROME, RON, US
[71] DAIRYVATIVE TECHNOLOGIES, LLC, US
[85] 2017-02-17
[86] 2015-09-09 (PCT/US2015/049218)
[87] (WO2016/040503)
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[51] **Int.Cl. C07D 405/12 (2006.01) A61K 31/517 (2006.01) A61P 19/02 (2006.01) A61P 27/02 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF 6-((6,7-DIMETHOXYQUINAZOLIN-4-YL)OXY)-N,2-DIMETHYLBENZOFURAN-3-CARBOXAMIDE**
[54] **FORMES CRISTALLINES DU 6-((6,7-DIMETHOXYQUINAZOLIN-4-YL)OXY)-N,2-DIMETHYLBENZOFURAN-3-CARBOXAMIDE**
[72] WU, ZHENPING, CN
[72] LI, WENJI, CN
[72] CHU, YUPING, CN
[71] HUTCHISON MEDIPHARMA LIMITED, CN
[85] 2017-02-20
[86] 2015-09-07 (PCT/CN2015/089035)
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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) G01N 21/00 (2006.01) G01N 21/31 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR NONINVASIVE ANALYSIS OF TISSUE**
[54] **SYSTEME ET METHODE D'ANALYSE NON INVASIVE DE TISSUS**
[72] COHEN, YANIV, IL
[72] KLEIN, RONNIE, IL
[72] ZILBERMAN, ARKADI, IL
[72] DEKEL, BEN ZION, IL
[72] BLAUNSTEIN, NATHAN, IL
[71] LR MED LTD, IL
[85] 2017-02-20
[86] 2015-08-20 (PCT/IL2015/050839)
[87] (WO2016/027274)
[30] US (14/465,311) 2014-08-21

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/5025 (2006.01) A61K 31/505 (2006.01) A61K 31/519 (2006.01) A61K 31/52 (2006.01) A61P 11/00 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **NOVEL IMIDAZOPYRIDAZINE COMPOUNDS AND THEIR USE**
[54] **NOUVEAUX COMPOSES D'IMIDAZOPYRIDAZINE ET LEUR UTILISATION**
[72] SU, WEI-GUO, CN
[72] DAI, GUANGXIU, CN
[72] ZHANG, WEIHAN, CN
[72] DENG, WEI, CN
[71] HUTCHISON MEDIPHARMA LIMITED, CN
[85] 2017-02-20
[86] 2015-09-23 (PCT/CN2015/090367)
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[30] CN (201410494483.5) 2014-09-24

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[51] **Int.Cl. C07K 16/28 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01) G01N 33/566 (2006.01)**
[25] EN
[54] **ANTIGEN BINDING PROTEINS THAT BIND CXCR3**
[54] **PROTEINES DE FIXATION ANTIGENIQUE FIXANT LE CXCR3**
[72] SWANSON, BARBARA A., US
[72] HUANG, DINGQIU, US
[72] ZHOU, HEYUE, US
[71] SORRENTO THERAPEUTICS, INC., US
[85] 2017-02-20
[86] 2015-08-07 (PCT/US2015/044348)
[87] (WO2016/028523)
[30] US (62/041,020) 2014-08-22

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 37/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **ANTIGEN BINDING PROTEINS THAT BIND CXCR5**
[54] **PROTEINES DE LIAISON A L'ANTIGENE SE LIANT A WISP5**
[72] HUANG, DINGQIU, US
[72] SWANSON, BARBARA A., US
[72] ZHOU, HEYUE, US
[71] SORRENTO THERAPEUTICS, INC., US
[85] 2017-02-20
[86] 2015-08-12 (PCT/US2015/044926)
[87] (WO2016/028573)
[30] US (62/041,017) 2014-08-22

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[13] A1
[51] **Int.Cl. B04B 5/10 (2006.01) B04B 1/08 (2006.01) D21C 11/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR SEPARATING TWO PHASES**
[54] **PROCEDE ET DISPOSITIF DE SEPARATION DE DEUX PHASES**
[72] HOFSTEDT, ANDERS GORAN, SE
[71] HOFSTEDT, ANDERS GORAN, SE
[85] 2017-02-20
[86] 2015-08-20 (PCT/SE2015/050886)
[87] (WO2016/028214)
[30] SE (1450971-5) 2014-08-21

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[13] A1
[51] **Int.Cl. A61K 31/22 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **TARGETING K-RAS-MEDIATED SIGNALING PATHWAYS AND MALIGNANCY BY PROSTRATIN**
[54] **CIBLAGE DE VOIES DE SIGNALISATION MEDIEES PAR K-RAS ET DE MALIGNITE PAR LA PROSTRATINE**
[72] MCCORMICK, FRANK, US
[72] WANG, MAN-TZU, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-02-17
[86] 2015-09-10 (PCT/US2015/049459)
[87] (WO2016/040656)
[30] US (62/048,761) 2014-09-10

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[13] A1
[51] **Int.Cl. G10L 13/10 (2013.01)**
[25] EN
[54] **LEXICAL DIALECT ANALYSIS SYSTEM**
[54] **SYSTEME D'ANALYSE LEXICALE DE DIALECTE**
[72] BUTLER, JEROME, US
[72] BORUKHOV, BENSIIN, US
[71] JOBU PRODUCTIONS, US
[85] 2017-02-20
[86] 2015-08-20 (PCT/US2015/046155)
[87] (WO2016/029045)
[30] US (62/040,308) 2014-08-21

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **TARGETING K-RAS-MEDIATED SIGNALING PATHWAYS AND MALIGNANCY BY ANTI-HLIF ANTIBODIES**
[54] **CIBLAGE DE VOIES DE SIGNALISATION MEDIEES PAR K-RAS ET DE MALIGNITE PAR DES ANTICORPS ANTI-HLIF**
[72] MCCORMICK, FRANK, US
[72] WANG, MAN-TZU, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-02-17
[86] 2015-09-10 (PCT/US2015/049461)
[87] (WO2016/040657)
[30] US (62/048,770) 2014-09-10

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[13] A1
[51] **Int.Cl. G06K 9/46 (2006.01) G06F 21/32 (2013.01) G06K 9/64 (2006.01)**
[25] EN
[54] **IMAGE PROCESSING APPARATUS FOR FACIAL RECOGNITION**
[54] **APPAREIL DE TRAITEMENT D'IMAGE POUR UNE RECONNAISSANCE FACIALE**
[72] SAMET, SHAI, US
[71] SAMET PRIVACY, LLC, US
[85] 2017-02-20
[86] 2015-08-14 (PCT/US2015/045317)
[87] (WO2016/036494)
[30] US (62/045,140) 2014-09-03

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[13] A1
[51] **Int.Cl. B01F 3/12 (2006.01)**
[25] EN
[54] **APPARATUS FOR MIXING AND BLENDING OF AN ADDITIVE MATERIAL INTO A FLUID AND METHOD**
[54] **APPAREIL DE MELANGE ET D'HOMOGENEISATION D'UNE SUBSTANCE ADDITIVE DANS UN FLUIDE ET PROCEDE ASSOCIE**
[72] HAMMONDS, CARL L., US
[71] HAMMONDS TECHNICAL SERVICES, INC., US
[85] 2017-02-17
[86] 2015-09-28 (PCT/US2015/052651)
[87] (WO2016/053876)
[30] US (14/505,228) 2014-10-02

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[13] A1
[51] **Int.Cl. C01B 21/28 (2006.01)**
[25] EN
[54] **DUAL GRID CATALYST BASKET AND METHOD OF INDEPENDENTLY SUPPORTING PRIMARY AND SECONDARY CATALYSTS**
[54] **PANIER DE CATALYSEUR A DEUX GRILLES ET PROCEDE DE SUPPORT INDEPENDANT DE CATALYSEURS PRIMAIRE ET SECONDAIRE**
[72] ALLEN, F. BURKE, US
[71] THE ALLOY ENGINEERING COMPANY, US
[85] 2017-02-20
[86] 2015-08-17 (PCT/US2015/045544)
[87] (WO2016/028698)
[30] US (62/039,278) 2014-08-19

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[13] A1
[51] **Int.Cl. C22B 15/00 (2006.01) C12N 1/00 (2006.01) C22B 3/18 (2006.01)**
[25] EN
[54] **COPPER SULPHIDE LEACHING IN FERROUS CHLORIDE MEDIUM WITH BACTERIA**
[54] **LIXIVIATION DE SULFURES DE CUIVRE EN MILIEU DE CHLORURE FERREUX AVEC DES BACTERIES**
[72] ALVAREZ RODRIGUEZ, JUAN CARLOS, CL
[71] COMPANIA MINERA ZALDIVAR LIMITADA, CL
[85] 2017-02-20
[86] 2015-08-24 (PCT/CL2015/050036)
[87] (WO2016/026062)
[30] CL (2238-2014) 2014-08-22

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[13] A1
[51] **Int.Cl. A61K 31/56 (2006.01)**
[25] EN
[54] **FORMULATIONS OF TESTOSTERONE AND METHODS OF TREATMENT THEREWITH**
[54] **FORMULATIONS DE TESTOSTERONE ET METHODES DE TRAITEMENT ASSOCIEES**
[72] JOSEPHS, ROBERT A., US
[72] HERMAN, CRAIG, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[71] MEDCARA PHARMACEUTICALS, LLC, US
[85] 2017-02-20
[86] 2015-08-28 (PCT/US2015/047385)
[87] (WO2016/033430)
[30] US (62/043,277) 2014-08-28

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[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01) B60L 11/18 (2006.01)**
[25] EN
[54] **MODULAR INFRASTRUCTURE DEVICE, INFRASTRUCTURE SYSTEM AND METHOD FOR OPERATING AN INFRASTRUCTURE DEVICE**
[54] **DISPOSITIF D'INFRASTRUCTURE MODULAIRE, SYSTEME D'INFRASTRUCTURE ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN DISPOSITIF D'INFRASTRUCTURE**
[72] MAURUS, TOBIAS, DE
[71] MAURUS, TOBIAS, DE
[85] 2017-02-20
[86] 2014-08-18 (PCT/EP2014/067583)
[87] (WO2016/026513)

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[51] **Int.Cl. A61B 5/00 (2006.01) H04W 4/00 (2009.01) A61B 5/01 (2006.01) A61D 99/00 (2006.01)**
[25] EN
[54] **COMPANION ANIMAL HEALTH MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE DE LA SANTE D'UN ANIMAL DE COMPAGNIE**
[72] HILL, NICHOLAS, US
[72] DE MEULEMEESTER, JOHAN, BE
[72] BOLTON, BRIAN, US
[71] ALLFLEX USA, INC., US
[85] 2017-02-20
[86] 2015-11-05 (PCT/US2015/059292)
[87] (WO2016/073754)
[30] US (62/075,745) 2014-11-05
[30] US (14/932,212) 2015-11-04

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[13] A1
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 43/12 (2006.01) F16K 3/26 (2006.01) F16K 3/314 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR TREATING A RESERVOIR USING RE-CLOSEABLE SLEEVES**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT D'UN RESERVOIR A L'AIDE DE MANCHONS REFERMABLES**
[72] GETZLAF, DON, CA
[72] RAVENSBERGEN, JOHN, CA
[71] NCS MULTISTAGE INC., CA
[85] 2017-02-20
[86] 2015-08-19 (PCT/CA2015/000470)
[87] (WO2016/026024)
[30] US (62/039,058) 2014-08-19
[30] CA (2,859,813) 2014-08-19
[30] US (62/095,859) 2014-12-23
[30] US (62/097,245) 2014-12-29

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[13] A1
[51] **Int.Cl. E21B 15/00 (2006.01) E21B 7/00 (2006.01) E21B 11/00 (2006.01) E21D 20/00 (2006.01)**
[25] EN
[54] **IMPROVED SELF-SUPPORTING PNEUMATIC HAMMER POSITIONER WITH UNIVERSAL JOINT**
[54] **POSITIONNEUR AUTOPORTEUR AMELIORE A JOINT UNIVERSEL DE MACHINE A FORER PNEUMATIQUE**
[72] MORISSETTE, DANNY, CA
[72] SMITH, ERICK, CA
[72] GUIMOND, LUC, CA
[72] BLANCHET, GHISLAIN, CA
[72] JULIEN, GUILLAUME, CA
[72] TREMBLAY, GUY, CA
[72] LALONDE, REJEAN, CA
[72] MAGNY, JEAN-PIERRE, CA
[72] LAROCHE, ANTHONY, CA
[72] CHROUROU, YOUSSEF, CA
[72] JULIEN, ALAIN, CA
[72] LALIBERTE, STEVE, CA
[72] PAQUIN, RAPHAEL, CA
[72] SIMARD, MAXIME, CA
[72] TRUDEL, CLAUDE, CA
[72] MENARD, MARTIN, CA
[72] MANSEAU, TOMMY, CA
[71] R.N.P. INDUSTRIES INC., CA
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[51] **Int.Cl. A61K 31/00 (2006.01) A61K 35/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR MODULATING CANCER STEM CELLS AND USES THEREFOR**
[54] **COMPOSITIONS POUR MODULER LES CELLULES SOUCHES CANCEREUSES ET LEURS UTILISATIONS**
[72] RAO, SUDHA, AU
[72] ZAFAR, ANJUM, AU
[71] UNIVERSITY OF CANBERRA, AU
[85] 2017-02-20
[86] 2015-08-25 (PCT/AU2015/050489)
[87] (WO2016/029262)
[30] AU (2014903345) 2014-08-25

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[51] **Int.Cl. G01H 17/00 (2006.01)**
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[54] **MANUFACTURING METHOD FOR ENHANCED ACOUSTIC SENSING SYSTEM**
[54] **PROCEDE DE FABRICATION D'UN SYSTEME DE DETECTION ACOUSTIQUE AMELIOREE**
[72] JAASKELAINEN, MIKKO, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-02-20
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[25] EN
[54] **SLOWLY DIGESTIBLE, SUSTAINED-TYPE ENERGY SUPPLYING AGENT**
[54] **AGENT D'APPORT D'ENERGIE LENTEMENT DIGESTIBLE A ACTION PROLONGEE**
[72] AIZAWA KENTA, JP
[72] SEKIYA KAZUKI, JP
[72] IIZUKA TAKAHISA, JP
[72] TAKAGI HIROKI, JP
[72] TAKADA MASAYASU, JP
[72] OGAWA KOICHI, JP
[72] SONOKI HIROFUMI, JP
[72] ITO AYAKO, JP
[72] KOKUBO ERI, JP
[71] NIHON SHOKUHIN KAKO CO., LTD., JP
[71] MORINAGA MILK INDUSTRY, CO., LTD., JP
[85] 2017-02-20
[86] 2015-09-18 (PCT/JP2015/076740)
[87] (WO2016/047616)
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[25] EN
[54] **EVALUATING SOLID PARTICLE SEPARATION IN WELLBORE FLUIDS**
[54] **EVALUATION DE LA SEPARATION DE PARTICULES SOLIDES DANS DES FLUIDES DE PUITS DE FORAGE**
[72] SHEN, RUI, US
[72] HARVEY, TIMOTHY N., US
[72] JAMISON, DALE E., US
[72] MCDANIEL, CATO RUSSELL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. A61B 3/11 (2006.01) G02C 7/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF PROVIDING CUSTOM-FITTED AND STYLED EYEWEAR BASED ON USER-PROVIDED IMAGES AND PREFERENCES**
[54] **SYSTEME ET PROCEDE D'OBTENTION DE LUNETTES PERSONNALISEES ET ADAPTEES BASEES SUR DES IMAGES ET DES PREFERENCES FOURNIES PAR L'UTILISATEUR**
[72] BARTON, DAVID, US
[71] DAVID KIND, INC., US
[85] 2017-02-20
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[87] (WO2016/028901)
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[25] EN
[54] **HYDRAULIC DRILLING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE FORAGE HYDRAULIQUE**
[72] MCCORMACK, DANIEL ROBERT, CA
[72] MCDOUGALL, MYLES BRIAN, CA
[72] STAINTHORPE, BRIAN KENNETH, CA
[71] PETROJET CANADA INC., CA
[85] 2017-02-21
[86] 2014-08-07 (PCT/CA2014/050744)
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[30] US (62/013,134) 2014-06-17

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[51] **Int.Cl. C12N 15/53 (2006.01) A01H 1/00 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) C12N 9/04 (2006.01) C12N 9/90 (2006.01) C12N 15/00 (2006.01) C12N 15/61 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01) C12P 17/18 (2006.01) C12Q 1/68 (2006.01) C07D 489/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR MAKING ALKALOID MORPHINANS**
[54] **COMPOSITIONS ET METHODES DE PRODUCTION DE MORPHINANES ALCALOIDES**
[72] FACCHINI, PETER JAMES, CA
[71] EPIMERON INC., CA
[85] 2017-02-21
[86] 2015-08-21 (PCT/CA2015/050796)
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[30] US (62/040,754) 2014-08-22

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[25] EN
[54] **METHOD AND SYSTEM FOR OBJECTIVE PERCEPTUAL VIDEO QUALITY ASSESSMENT**
[54] **PROCEDE ET SYSTEME D'EVALUATION DE QUALITE VIDEO PERCEPTUELLE OBJECTIVE**
[72] WANG, ZHOU, CA
[72] REHMAN, ABDUL, CA
[72] ZENG, KAI, CA
[71] WANG, ZHOU, CA
[71] REHMAN, ABDUL, CA
[71] ZENG, KAI, CA
[85] 2017-02-17
[86] 2014-09-05 (PCT/CA2014/000676)
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[51] **Int.Cl. A61B 5/02 (2006.01) A61B 5/027 (2006.01)**
[25] EN
[54] **METHODS, DEVICES AND SYSTEMS FOR SENSING, MEASURING AND/OR CHARACTERIZING VESSEL AND/OR LESION COMPLIANCE AND/OR ELASTANCE CHANGES DURING VASCULAR PROCEDURES**
[54] **PROCEDES, DISPOSITIFS ET SYSTEMES DE DETECTION, DE MESURE ET/OU DE CARACTERISATION DE CHANGEMENTS DE CONFORMITE ET/OU D'ELASTANCE DE VAISSEAU ET/OU DE LESION PENDANT DES INTERVENTIONS VASCULAIRES**
[72] KOHLER, ROBERT E., US
[72] HIGGINS, JOSEPH P., US
[71] CARDIOVASCULAR SYSTEMS, INC., US
[85] 2017-02-14
[86] 2015-08-21 (PCT/US2015/046229)
[87] (WO2016/029082)
[30] US (62/040,598) 2014-08-22
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[51] **Int.Cl. A47L 9/00 (2006.01) A47L 9/28 (2006.01)**
[25] EN
[54] **VACUUM CLEANER**
[54] **APPAREIL DE NETTOYAGE ELECTRIQUE**
[72] WATANABE, KOTA, JP
[72] IZAWA, HIROKAZU, JP
[72] FURUTA, KAZUHIRO, JP
[72] MARUTANI, YUUKI, JP
[72] TAKAHASHI, YUKI, JP
[71] TOSHIBA LIFESTYLE PRODUCTS & SERVICES CORPORATION, JP
[85] 2017-02-13
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[30] JP (2014-174321) 2014-08-28

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[51] **Int.Cl. E21B 43/34 (2006.01) B01D 61/14 (2006.01) E21B 43/16 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **CHEMICALLY ENHANCED OIL RECOVERY METHOD USING VISCOSITY-INCREASING POLYMERIC COMPOUNDS**
[54] **PROCEDE DE RECUPERATION DE PETROLE CHIMIQUEMENT ASSISTEE AU MOYEN DE COMPOSES POLYMERES AUGMENTANT LA VISCOSITE**
[72] HENDOU, MOULOUD, FR
[72] SAGNE, CAMILLE, FR
[72] FAVERO, CEDRICK, FR
[72] GIL, LUDWIG, FR
[72] RIVAS, CHRISTOPHE, FR
[71] SNF SAS, FR
[85] 2017-02-20
[86] 2015-10-09 (PCT/EP2015/073490)
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[30] US (62/063,992) 2014-10-15

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[51] **Int.Cl. G05D 1/02 (2006.01) A47L 9/00 (2006.01) A47L 9/28 (2006.01) G08B 25/00 (2006.01)**
[25] EN
[54] **AUTONOMOUS TRAVELING BODY**
[54] **CORPS A DEPLACEMENT AUTONOME**
[72] WATANABE, KOTA, JP
[72] IZAWA, HIROKAZU, JP
[72] FURUTA, KAZUHIRO, JP
[72] MARUTANI, YUUKI, JP
[71] TOSHIBA LIFESTYLE PRODUCTS & SERVICES CORPORATION, JP
[85] 2017-02-13
[86] 2015-08-21 (PCT/JP2015/073526)
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[30] JP (2014-176428) 2014-08-29

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[51] **Int.Cl. C07D 239/94 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01) C07D 403/12 (2006.01)**
[25] EN
[54] **QUINAZOLINE DERIVATIVES**
[54] **DERIVE DE QUINAZOLINE**
[72] SHI, YING, CN
[72] GAO, QINGZHI, CN
[72] CHEN, XIAOZHUO, CN
[72] MI, YI, CN
[72] ZHANG, YARAN, CN
[72] YANG, HANYU, CN
[72] CHEN, YUJIE, CN
[72] LIU, CHUNLEI, CN
[72] MI, GUORUI, CN
[72] MA, YUXIU, CN
[72] SHEN, DONGMIN, CN
[72] GUO, YANG, CN
[72] FAN, LINJING, CN
[71] CSPC ZHONGQI PHARMACEUTICAL TECHNOLOGY (SHIJIAZHUANG) CO., LTD., CN
[85] 2017-02-13
[86] 2015-08-11 (PCT/CN2015/000582)
[87] (WO2016/023330)
[30] CN (201410391653.7) 2014-08-11

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[51] **Int.Cl. B60L 7/28 (2006.01) H02K 49/04 (2006.01)**
[25] EN
[54] **AUTONOMOUS RETARDER SYSTEM FOR A VEHICLE, AND VEHICLE INCLUDING SAME**
[54] **SYSTEME RETARDATEUR AUTONOME POUR UN VEHICULE ET VEHICULE LE COMPRENANT**
[72] CARBALLO RODRIGUEZ, PABLO, ES
[71] RALENTIZADORES Y TRANSFORMACIONES, S.A., ES
[85] 2017-02-14
[86] 2014-08-14 (PCT/ES2014/070655)
[87] (WO2016/024030)

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[51] **Int.Cl. A61N 1/05 (2006.01) A61B 5/04 (2006.01) A61N 1/36 (2006.01) A61N 1/372 (2006.01)**
[25] EN
[54] **METHOD OF IMPLANTATION OF A MEDICAL DEVICE INTO NEURAL TISSUE**
[54] **PROCEDE D'IMPLANTATION D'UN DISPOSITIF MEDICAL DANS UN TISSU NERVEUX**
[72] SCHOUENBORG, JENS, SE
[71] NEURONANO AB, SE
[85] 2017-02-13
[86] 2015-08-28 (PCT/SE2015/000050)
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[51] **Int.Cl. H04L 5/26 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING WAVEFORMS AND UTILIZATION THEREOF**
[54] **SYSTEME ET PROCEDE DE GENERATION DE FORMES D'ONDES ET LEUR UTILISATION**
[72] MA, JIANGLEI, CA
[72] JIA, MING, CA
[72] TONG, WEN, CA
[72] ZHU, PEIYING, CA
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-02-14
[86] 2015-08-12 (PCT/CN2015/086784)
[87] (WO2016/023495)
[30] US (62/038,070) 2014-08-15
[30] US (14/822,492) 2015-08-10

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[51] **Int.Cl. B67D 1/08 (2006.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **AUTOMATIC FILL CONTROL TECHNIQUE**
[54] **TECHNIQUE DE COMMANDE DE REMPLISSAGE AUTOMATIQUE**
[72] PHILLIPS, DAVID L., US
[72] ESTRADA, JESUS, US
[71] FLOW CONTROL LLC., US
[85] 2017-02-14
[86] 2015-08-17 (PCT/US2015/045463)
[87] (WO2016/025939)
[30] US (62/037,761) 2014-08-15

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[51] **Int.Cl. F24C 15/32 (2006.01)**
[25] EN
[54] **A SYSTEM TO PREVENT INCORRECT FINGER PLACEMENT IN CONVEYOR OVENS**
[54] **SYSTEME DESTINE A EMPECHER LE PLACEMENT INCORRECT DES DOIGTS DANS DES FOURS A BANDE TRANSPORTEUSE**
[72] RIGGLE, GARY GRANT, US
[72] PITLOR, NELSON, US
[71] CLEVELAND RANGE, LLC, US
[85] 2017-02-14
[86] 2015-08-19 (PCT/US2015/045861)
[87] (WO2016/028874)
[30] US (62/039,271) 2014-08-19

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[13] A1
[51] **Int.Cl. A61K 8/64 (2006.01)**
[25] EN
[54] **A METHOD FOR SIDE EFFECT REDUCTION IN THE USE OF STATINS VIA PHYSIOLOGICALLY SYNTHESIZED GLUTATHIONE**
[54] **PROCEDE DE REDUCTION D'EFFET SECONDAIRE DANS L'UTILISATION DE STATINES PAR L'INTERMEDIAIRE DE GLUTATHION PHYSIOLOGIQUEMENT SYNTHETISE**
[72] CRUM, ALBERT B., US
[71] CRUM, ALBERT B., US
[85] 2017-02-14
[86] 2015-08-26 (PCT/US2015/046949)
[87] (WO2016/033183)
[30] US (62/043,854) 2014-08-29

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[51] **Int.Cl. G02B 26/08 (2006.01) B81B 7/02 (2006.01) G02B 6/12 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR MICROELECTROMECHANICAL PACKAGING**
[54] **PROCEDES ET SYSTEMES POUR CONDITIONNEMENT MICRO-ELECTROMECANIQUE**
[72] MENARD, FRANCOIS, CA
[72] BERARD, MARTIN, CA
[72] MENARD, MICHAEL, CA
[72] NABKI, FREDERIC, CA
[71] AEPONYX INC., CA
[71] UNIVERSITE DU QUEBEC A MONTREAL, CA
[85] 2017-02-15
[86] 2015-08-17 (PCT/CA2015/000466)
[87] (WO2016/023105)
[30] US (62/037,655) 2014-08-15

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[51] **Int.Cl. C12N 15/70 (2006.01) C12N 1/21 (2006.01)**
[25] EN
[54] **E. COLI-BASED PRODUCTION OF BETA-LACTAMASE**
[54] **PRODUCTION DE BETA-LACTAMASE A PARTIR D'E-COLI**
[72] BRISTOL, ANDREW, US
[72] KALEKO, MICHAEL, US
[71] SYNTHETIC BIOLOGICS, INC., US
[85] 2017-02-14
[86] 2015-08-27 (PCT/US2015/047187)
[87] (WO2016/033327)
[30] US (62/043,360) 2014-08-28

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[13] A1
[51] **Int.Cl. H04L 27/26 (2006.01) H04L 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR UPLINK TRANSMISSION IN WIRELESS COMMUNICATION SYSTEM AND APPARATUS THEREFOR**
[54] **PROCEDE DESTINE A UNE TRANSMISSION EN LIAISON MONTANTE DANS UN SYSTEME DE COMMUNICATION SANS FIL, ET APPAREIL CORRESPONDANT**
[72] CHUN, JINYOUNG, KR
[72] RYU, KISEON, KR
[72] LEE, WOOKBONG, KR
[72] CHOI, JINSOO, KR
[72] CHO, HANGYU, KR
[71] LG ELECTRONICS INC., KR
[85] 2017-02-14
[86] 2015-08-21 (PCT/KR2015/008780)
[87] (WO2016/028125)
[30] US (62/040,387) 2014-08-21
[30] US (62/046,184) 2014-09-05

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[51] **Int.Cl. H04W 4/02 (2009.01) G01S 5/12 (2006.01)**
[25] EN
[54] **ENHANCED POSITIONING METHOD FOR MOVING TARGET IN MINE SHAFT BASED ON WITNESS NODES UNDER INTERNET OF THINGS ARCHITECTURE**
[54] **PROCEDE DE POSITIONNEMENT AMELIORE D'UNE CIBLE MOBILE DANS UN PUITS DE MINE SUR LA BASE DE NOEUDS TEMOINS DANS UNE ARCHITECTURE DE L'INTERNET DES OBJETS**
[72] HU, QINGSONG, CN
[72] DING, YISHAN, CN
[72] CAO, CAN, CN
[72] ZHANG, SHEN, CN
[72] WU, LIXIN, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2017-02-15
[86] 2015-12-29 (PCT/CN2015/099316)
[87] (WO2016/115961)
[30] CN (201510037300.1) 2015-01-23

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[13] A1
[51] **Int.Cl. C02F 1/30 (2006.01)**
[25] EN
[54] **WASTE PROCESSING SYSTEM**
[54] **SYSTEME DE TRAITEMENT DE DECHETS**
[72] KOENIG, PAUL, US
[71] KOENIG, PAUL, US
[85] 2017-02-20
[86] 2014-08-19 (PCT/US2014/051765)
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[51] **Int.Cl. G06F 21/31 (2013.01) G06Q 20/32 (2012.01) G06Q 20/40 (2012.01) G07F 19/00 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR DIGITAL AUTHENTICATION**
[54] **SYSTEME ET PROCEDE D'AUTHENTIFICATION NUMERIQUE**
[72] DOUGLAS, LAWRENCE, US
[72] ASHFIELD, JAMES, US
[72] POOLE, THOMAS S., US
[72] FIELDS, JOHN, US
[72] BOWERS, JUSTIN, US
[72] COGSWELL, DREW, US
[72] ELASIC, JOHN, US
[71] CAPITAL ONE FINANCIAL CORPORATION, US
[85] 2017-02-15
[86] 2015-08-17 (PCT/US2015/045486)
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[30] US (62/037,710) 2014-08-15

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[51] **Int.Cl. G06F 3/0484 (2013.01) G06Q 30/06 (2012.01) G06F 17/30 (2006.01) G06T 1/00 (2006.01)**
[25] EN
[54] **SYSTEM AND COMPUTER METHOD FOR VISUALLY GUIDING A USER TO A CURRENT INTEREST**
[54] **SYSTEME ET PROCEDE INFORMATIQUE PERMETTANT DE GUIDER VISUELLEMENT UN UTILISATEUR VERS UN INTERET ACTUEL**
[72] EPSTEIN, SYDNEY NICOLE, US
[72] MARIC, LUKA, HR
[72] EPSTEIN, PAUL LAWRENCE, US
[71] EPSTEIN, SYDNEY NICOLE, US
[71] EPSTEIN, PAUL LAWRENCE, US
[85] 2017-02-15
[86] 2015-08-14 (PCT/US2015/045391)
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[30] US (62/037,788) 2014-08-15

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[13] A1
[51] **Int.Cl. E21B 43/25 (2006.01) E21B 47/085 (2012.01) E21B 28/00 (2006.01) E21B 43/26 (2006.01) E21B 43/267 (2006.01) G01V 1/52 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR USING PRESSURE PULSES FOR FRACTURE STIMULATION PERFORMANCE ENHANCEMENT AND EVALUATION**
[54] **SYSTEME ET PROCEDE PERMETTANT D'UTILISER DES IMPULSIONS DE PRESSION POUR UNE EVALUATION ET UNE AMELIORATION DE LA PERFORMANCE DE STIMULATION DE FRACTURE**
[72] MOOS, DANIEL, US
[72] LIVESCU, SILVIU, CA
[71] BAKER HUGHES INCORPORATED, US
[85] 2017-02-15
[86] 2015-08-19 (PCT/US2015/045883)
[87] (WO2016/028886)
[30] US (62/040,508) 2014-08-22
[30] US (14/828,902) 2015-08-18

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[51] **Int.Cl. A61K 9/00 (2006.01)**
[25] EN
[54] **INJECTABLE SLURRIES AND METHODS OF MANUFACTURING AND USING THE SAME**
[54] **SUSPENSIONS INJECTABLES ET PROCEDES DE FABRICATION ET D'UTILISATION ASSOCIES**
[72] GARIBYAN, LILIT, US
[72] ANDERSON, RICHARD ROX, US
[72] FARINELLI, WILLIAM A., US
[72] JAVORSKY, EMILIA, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2017-02-15
[86] 2015-08-27 (PCT/US2015/047301)
[87] (WO2016/033384)
[30] US (62/042,979) 2014-08-28
[30] US (62/121,329) 2015-02-26
[30] US (62/121,472) 2015-02-26

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[51] **Int.Cl. A61K 35/30 (2015.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATMENT OF NEUROLOGICAL DISORDERS**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE TROUBLES NEUROLOGIQUES**
[72] GARIBYAN, LILIT, US
[72] ANDERSON, RICHARD ROX, US
[72] FARINELLI, WILLIAM A., US
[72] JAVORSKY, EMILIA, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2017-02-15
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[30] US (62/042,979) 2014-08-28
[30] US (62/121,472) 2015-02-26
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[54] **COMPOSITIONS ET METHODES POUR TRAITER DES TROUBLES PROLIFERATIFS**
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[72] EATHIRAJ, SUDHARSHAN, US
[72] LAPIERRE, JEAN-MARC, US
[72] SCHWARTZ, BRIAN, US
[72] YU, YI, US
[71] ARQULE, INC., US
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[54] **METHODS OF TREATING CANCER**
[54] **METHODES DE TRAITEMENT DU CANCER**
[72] GOYAL, GIRIJA, US
[72] DRANOFF, GLENN, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2017-02-15
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[54] **AIR DUCT SYSTEMS AND METHODS OF AIR FLOW CONTROL**
[54] **SYSTEMES DE CONDUIT D'AIR ET PROCEDES DE REGULATION DE DEBIT D'AIR**
[72] LEITERMAN, RYAN, US
[71] LEITERMAN AND ASSOCIATES, INC., US
[85] 2017-02-15
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[51] **Int.Cl. H04R 1/02 (2006.01) H04B 1/3827 (2015.01)**
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[54] **LOUDSPEAKER AUDIO ACCESSORY FOR A COMMUNICATION DEVICE**
[54] **ACCESSOIRE AUDIO A HAUT-PARLEUR DESTINE A UN DISPOSITIF DE COMMUNICATION**
[72] CHUA, HONG DA, MY
[72] CHAN, KOK YONG, MY
[72] GARRA, LANTING L., US
[72] TAN, YING HOOI, MY
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2017-02-15
[86] 2015-08-21 (PCT/US2015/046202)
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[25] EN
[54] **BEARING FOR A PUMP AND METHOD OF RETROFITTING A BEARING FOR A PUMP**
[54] **PALIER POUR UNE POMPE ET PROCEDE D'ADAPTATION D'UN PALIER POUR UNE POMPE**
[72] KRAFFT, STEVEN, US
[72] PEMBERTON, RONRICK, US
[71] SULZER MANAGEMENT AG, CH
[85] 2017-02-21
[86] 2015-09-29 (PCT/EP2015/072422)
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[54] **GENERATEUR D'HYDROGENE ET D'OXYGENE**
[72] LACROIX, THOMAS, CA
[71] HYDROXY ENERGY INC., CA
[85] 2017-02-21
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[25] EN
[54] **CRYOADHESIVE DEVICE FOR LEFT ATRIAL APPENDAGE OCCLUSION**
[54] **DISPOSITIF CRYOADHESIF POUR L'OCCLUSION DE L'APPENDICE AURICULAIRE GAUCHE**
[72] COULOMBE, NICOLAS, CA
[71] MEDTRONIC CRYOCATH LP, CA
[85] 2017-02-21
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[54] **MUSHROOM HARVESTER**
[54] **CUEILLEUR DE CHAMPIGNONS**
[72] VAN DE VEGTE, JOHN, CA
[72] RENFREW, JOHN, CA
[72] JANDRISITS, MATTHEW, CA
[72] LAU, ROBERT, CA
[71] VINELAND RESEARCH AND INNOVATIONS CENTRE INC., CA
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[25] EN
[54] **COMPOSITION COMPRISING RESVERATROL AND MELATONIN FOR REDUCING HAIR LOSS AND/OR INCREASING HAIR REGROWTH**
[54] **COMPOSITION COMPRENANT DU RESVERATROL ET DE LA MELATONINE POUR REDUIRE LA CHUTE DES CHEVEUX ET/OU AMELIORER LA REPOUSSE DES CHEVEUX**
[72] SEKHAVAT, HOUFAR, CA
[71] TRIPLE HAIR INC., CA
[85] 2017-02-21
[86] 2016-05-05 (PCT/CA2016/000132)
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[51] **Int.Cl. A47B 3/087 (2006.01)**
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[54] **HINGE MEMBER AND FOLDABLE STRUCTURE INCORPORATING THE SAME**
[54] **ELEMENT CHARNIERE ET STRUCTURE PLIABLE COMPRENANT CELUI-CI**
[72] DU, CHUANKUI, CN
[71] SHANGHAI XINTANG INDUSTRIAL CO., LTD., CN
[85] 2017-02-21
[86] 2014-08-22 (PCT/CN2014/085018)
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[51] **Int.Cl. B01D 65/10 (2006.01) B01D 65/06 (2006.01) C02F 1/44 (2006.01)**
[25] EN
[54] **DEPOSIT MONITORING DEVICE FOR WATER TREATMENT DEVICE, WATER TREATMENT DEVICE, OPERATING METHOD FOR SAME, AND WASHING METHOD FOR WATER TREATMENT DEVICE**
[54] **DISPOSITIF DE SURVEILLANCE DES DEPOTS POUR DISPOSITIF DE TRAITEMENT D'EAU, DISPOSITIF DE TRAITEMENT D'EAU, PROCEDE POUR LE FAIRE FONCTIONNER, ET PROCEDE DE LAVAGE POUR DISPOSITIFDE TRAITEMENT D'EAU**
[72] SAKURAI, HIDEAKI, JP
[72] SUZUKI, HIDEO, JP
[72] NAKASHOJI, HIROSHI, JP
[72] YOSHIOKA, SHIGERU, JP
[72] OKINO, SUSUMU, JP
[72] SENBA, NORIAKI, JP
[72] SUGIYAMA, SHIGEHIRO, JP
[72] EDA, MASAYUKI, JP
[72] ABE, HYOTA, JP
[72] KAMITO, RYO, JP
[72] UKAI, NOBUYUKI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[25] EN
[54] **SPINNER FOR A PARTICULATE MATERIAL SPREADER**
[54] **CENTRIFUGEUSE POUR EPANDEUSE DE MATIERE PARTICULAIRE**
[72] OWENBY, STEVE, US
[71] SALFORD BBI INC., US
[85] 2017-02-21
[86] 2015-08-22 (PCT/IB2015/056366)
[87] (WO2016/027260)
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[54] **ANASTOMOSIS SUTURING DEVICE**
[54] **DISPOSITIF DE SUTURE D'ANASTOMOSE**
[72] BOIMAN, ALON, IL
[72] BOROVICH, ADI, IL
[71] BOIMAN, ALON, IL
[71] BOROVICH, ADI, IL
[71] KALO, ARIE, IL
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[25] EN
[54] **TRAUMA RESISTANT ANTI BALLISTIC HELMET**
[54] **CASQUE PARE-BALLES RESISTANT AUX TRAUMATISMES**
[72] KHANDELWAL, MANISH, IN
[72] GUPTA, NEELAM, IN
[72] DIXIT, DOORDARSHI, IN
[71] MKU PVT. LTD., IN
[85] 2017-02-21
[86] 2015-06-22 (PCT/IN2015/000254)
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[30] IN (1671/DEL/2014) 2014-06-23

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[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/14 (2006.01) B01D 53/73 (2006.01) B01D 53/78 (2006.01) B01D 53/79 (2006.01) B01D 53/96 (2006.01)**
[25] EN
[54] **CO2 RECOVERY DEVICE AND CO2 RECOVERY METHOD**
[54] **DISPOSITIF ET PROCEDE DE RECUPERATION DE CO2**
[72] TANAKA, HIROSHI, JP
[72] HIRATA, TAKUYA, JP
[72] YUKUMOTO, ATSUHIRO, JP
[72] OISHI, TSUYOSHI, JP
[72] ENDO, TAKAHIKO, JP
[72] TSUJIUCHI, TATSUYA, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2017-02-21
[86] 2015-10-23 (PCT/JP2015/079935)
[87] (WO2016/072292)
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[51] **Int.Cl. B22C 3/00 (2006.01)**
[25] EN
[54] **CASTING GREEN SAND MOLD, AND METHOD FOR PRODUCING CAST ARTICLE USING IT**
[54] **MOULE EN SABLE VERT POUR LE COULAGE ET PROCEDE POUR LA FABRICATION D'ARTICLES COULES UTILISANT CELUI-CI**
[72] FUKUMOTO, KENTARO, JP
[71] HITACHI METALS, LTD., JP
[85] 2017-02-21
[86] 2015-08-19 (PCT/JP2015/073215)
[87] (WO2016/031642)
[30] JP (2014-176456) 2014-08-29

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[51] **Int.Cl. H04L 9/12 (2006.01) H04L 9/08 (2006.01)**
[25] EN
[54] **INFORMATION COMMUNICATION SYSTEM, INFORMATION COMMUNICATION METHOD AND DEVICE**
[54] **SYSTEME DE COMMUNICATION D'INFORMATIONS, PROCEDE DE COMMUNICATION D'INFORMATIONS, ET DISPOSITIF**
[72] OCHI, TAKAO, JP
[72] YOSHINO, KEN-ICHIRO, JP
[72] TAJIMA, AKIO, JP
[71] NEC CORPORATION, JP
[85] 2017-02-21
[86] 2015-08-20 (PCT/JP2015/004158)
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[30] JP (2014-170087) 2014-08-25

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[51] **Int.Cl. E21B 7/06 (2006.01) E21B 34/00 (2006.01) E21B 47/02 (2006.01)**
[25] EN
[54] **METHOD FOR HYDRAULIC COMMUNICATION WITH TARGET WELL FROM RELIEF WELL**
[54] **PROCEDE D'ETABLISSEMENT DE COMMUNICATION HYDRAULIQUE ENTRE UN PUITS CIBLE ET UN PUITS D'INTERVENTION**
[72] HESS, JOE E., US
[72] CUTHBERT, ANDY J., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-02-21
[86] 2014-10-06 (PCT/US2014/059325)
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[51] **Int.Cl. A61G 7/07 (2006.01) A47G 9/10 (2006.01) A61G 13/12 (2006.01)**
[25] EN
[54] **CRADLE FRAME AND STRUCTURE**
[54] **CADRE ET STRUCTURE DE SOCLE**
[72] DU, CHUANKUI, CN
[71] SHANGHAI XINTANG INDUSTRIAL CO., LTD., CN
[85] 2017-02-21
[86] 2014-08-22 (PCT/CN2014/085021)
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[13] A1
[51] **Int.Cl. E21B 33/13 (2006.01) C09K 8/42 (2006.01)**
[25] EN
[54] **EXTENDED-LIFE CALCIUM ALUMINATE CEMENTING METHODS**
[54] **PROCEDES DE CIMENTATION A BASE D'ALUMINATE DE CALCIUM A DUREE DE VIE PROLONGEE**
[72] AGAPIOU, KYRIACOS, US
[72] LEWIS, SAMUEL J., US
[72] PISKLAK, THOMAS JASON, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-02-21
[86] 2014-10-10 (PCT/US2014/060023)
[87] (WO2016/057045)

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[51] **Int.Cl. C07K 16/30 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C12N 5/10 (2006.01) G01N 33/574 (2006.01) G01N 33/577 (2006.01)**
[25] EN
[54] **SACCHARIDE-BASED BIOMARKERS AND THERAPEUTICS**
[54] **BIOMARQUEURS ET AGENTS THERAPEUTIQUES A BASE DE SACCHARIDES**
[72] WANG, HUIRU, CN
[71] WANG, HUIRU, CN
[85] 2017-02-21
[86] 2015-08-21 (PCT/CN2015/087717)
[87] (WO2016/026456)
[30] CN (PCT/CN2014/085027) 2014-08-22

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[51] **Int.Cl. C05C 9/00 (2006.01) A01N 25/12 (2006.01) C05G 3/08 (2006.01)**
[25] EN
[54] **UREA AND NITROGEN STABILIZER COMPOSITIONS**
[54] **COMPOSITIONS STABILISATRICES D'UREE ET D'AZOTE**
[72] GABRIELSON, KURT DAVID, US
[72] SUTTON, ALLEN, US
[71] KOCH AGRONOMIC SERVICES, LLC, US
[85] 2017-02-21
[86] 2014-08-25 (PCT/US2014/052570)
[87] (WO2015/027244)
[30] US (61/869,594) 2013-08-23

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[51] **Int.Cl. E21B 47/12 (2012.01) E21B 47/18 (2012.01)**
[25] EN
[54] **WELL CONSTRUCTION REAL-TIME TELEMETRY SYSTEM**
[54] **SYSTEME DE TELEMETRIE EN TEMPS REEL POUR LA CONSTRUCTION DE PUITS**
[72] BROWN-KERR, WILLIAM, GB
[72] MCGARIAN, BRUCE HERMANN FORSYTH, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-02-21
[86] 2014-09-23 (PCT/US2014/056929)
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[51] **Int.Cl. E21B 47/00 (2012.01) G01V 3/18 (2006.01) G01V 3/30 (2006.01)**
[25] EN
[54] **PREFORMED ANTENNA WITH RADIO FREQUENCY CONNECTORS FOR DOWNHOLE APPLICATIONS**
[54] **ANTENNE PREFORMEE COMPRENANT DES CONNECTEURS RADIOFREQUENCES POUR DES APPLICATIONS DE FOND DE PUITS**
[72] ANG, LAY WEI, SG
[72] GUBUAN, AGUSTIN OMICTIN, SG
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-02-21
[86] 2014-09-26 (PCT/US2014/057761)
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[13] A1
[51] **Int.Cl. B60G 5/02 (2006.01) B60G 11/22 (2006.01)**
[25] EN
[54] **VEHICLE SUSPENSION**
[54] **SUSPENSION DE VEHICULE**
[72] NOBLE, SHAWN D., US
[72] VAN METER, MATTHEW J., US
[72] ZIMMERMAN, RANDY JOSEPH, US
[71] HENDRICKSON USA, L.L.C., US
[85] 2017-02-21
[86] 2014-10-15 (PCT/US2014/060704)
[87] (WO2016/053360)
[30] US (14/500,106) 2014-09-29

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[13] A1
[51] **Int.Cl. C09K 8/02 (2006.01) C09K 8/60 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **THERMALLY-STABLE, NON-PRECIPITATING, HIGH-DENSITY WELLBORE FLUIDS**
[54] **FLUIDES DE PUITS DE FORAGE A HAUTE DENSITE THERMIQUEMENT STABLES QUI NE PRECIPITENT PAS**
[72] MCDANIEL, CATO R., US
[72] SHUMWAY, WILLIAM W., US
[72] HARVEY, TIMOTHY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-02-21
[86] 2014-10-17 (PCT/US2014/061253)
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[13] A1
[51] **Int.Cl. E21B 43/247 (2006.01) E21B 43/11 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **INTERNALLY TRUSSED HIGH-EXPANSION SUPPORT FOR REFRACTURING OPERATIONS**
[54] **SUPPORT A EXPANSION ELEVEE RENFORCE INTERIEUREMENT POUR DES OPERATIONS DE REFRACTURATION**
[72] MURPHREE, ZACHARY RYAN, US
[72] FRIPP, MICHAEL LINLEY, US
[72] ADKINS, DARRELL, US
[72] GANO, JOHN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-02-21
[86] 2014-10-29 (PCT/US2014/062938)
[87] (WO2016/068917)

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **SELECTING ALTERNATIVE CONTENT BASED ON CONTENT PRESENTED TO A USER OF AN ONLINE SYSTEM**
[54] **SELECTION DE CONTENU ALTERNATIF SUR LA BASE D'UN CONTENU PRESENTE A UN UTILISATEUR D'UN SYSTEME EN LIGNE**
[72] SIMO, FIDJI NAHEMA, US
[72] AWAN, ASAD K., US
[72] WATSON, JESSICA MARIE, US
[71] FACEBOOK, INC., US
[85] 2017-02-21
[86] 2015-06-16 (PCT/US2015/036079)
[87] (WO2016/032597)
[30] US (14/473,975) 2014-08-29

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[13] A1
[51] **Int.Cl. E21B 33/13 (2006.01) C09K 8/42 (2006.01)**
[25] EN
[54] **EXTENDED-LIFE CEMENT COMPOSITIONS COMPRISING RED MUD SOLIDS**
[54] **COMPOSITIONS DE CIMENT A DUREE DE VIE PROLONGEE COMPRENANT DES SOLIDES DE BOUES ROUGES**
[72] PISKLAK, THOMAS JASON, US
[72] AGAPIOU, KYRIACOS, US
[72] MARTINEZ, JUAN HUMBERTO, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[13] A1
[51] **Int.Cl. G06Q 40/04 (2012.01)**
[25] EN
[54] **DYNAMIC PEG ORDERS IN AN ELECTRONIC TRADING SYSTEM**
[54] **ORDRES A FIXATION DYNAMIQUE DANS UN SYSTEME DE NEGOCIATION ELECTRONIQUE**
[72] KATSUYAMA, BRADLEY TOSHIO, US
[72] TRUDEAU, MATTHEW NORBERT, US
[72] SOKOLOFF, CONSTANTINE, US
[72] SMALL, BENJAMIN AARON, US
[72] PARK, ROBERT, US
[72] AISEN, DANIEL, US
[72] FACINI, ADRIAN BRANKO, US
[72] BOLLERMAN, DONALD, US
[72] CHUNG, FRANCIS, US
[71] IEX GROUP, INC., US
[85] 2017-02-21
[86] 2015-07-15 (PCT/US2015/040540)
[87] (WO2016/028416)
[30] US (62/040,493) 2014-08-22

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[51] **Int.Cl. A61K 31/7068 (2006.01) A61K 31/573 (2006.01) A61K 31/708 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY FOR TREATING CANCER**
[54] **POLYTHERAPIE POUR LE TRAITEMENT DU CANCER**
[72] KLAUS, CHRISTINE, US
[72] RAIMONDI, MARIA ALEJANDRA, US
[72] DAIGLE, SCOTT RICHARD, US
[72] POLLOCK, ROY MACFARLANE, US
[71] EPIZYME, INC., US
[85] 2017-02-21
[86] 2015-08-12 (PCT/US2015/044907)
[87] (WO2016/043874)
[30] US (62/051,890) 2014-09-17
[30] US (62/088,498) 2014-12-05
[30] US (62/112,086) 2015-02-04
[30] US (62/165,169) 2015-05-21
[30] US (62/203,285) 2015-08-10

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[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01)**
[25] EN
[54] **COMPLIANCE-ASSISTING MODULE FOR AN INHALER**
[54] **MODULE D'ASSISTANCE A LA CONFORMITE POUR UN INHALATEUR**
[72] CALDERON OLIVERAS, ENRIQUE, IE
[72] BUCK, DANIEL, IE
[72] FLEMING, FREDERIC SCOTT, NL
[72] WEITZEL, DOUGLAS E., US
[71] NORTON (WATERFORD) LIMITED, IE
[71] MICRODOSE THERAPEUTX, INC., US
[71] TEVA PHARMACEUTICALS EUROPE B.V., NL
[85] 2017-02-21
[86] 2015-08-28 (PCT/EP2015/069781)
[87] (WO2016/030521)
[30] US (62/043,120) 2014-08-28

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) G01N 33/574 (2006.01) G01N 33/68 (2006.01)**
[25] FR
[54] **METHOD FOR DETERMINING THE SURVIVAL PROGNOSIS OF A PATIENT SUFFERING FROM PANCREATIC CANCER**
[54] **PROCEDE POUR DETERMINER LE PRONOSTIC DE SURVIE D'UN PATIENT ATTEINT D'UN CANCER DU PANCREAS**
[72] PIQUEMAL, DAVID, FR
[71] ACOBIOM, FR
[85] 2017-02-21
[86] 2015-08-13 (PCT/FR2015/052207)
[87] (WO2016/027029)
[30] FR (1457934) 2014-08-22

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[51] **Int.Cl. A61L 2/07 (2006.01) A61G 12/00 (2006.01) A61L 11/00 (2006.01) B09B 3/00 (2006.01)**
[25] EN
[54] **DEVICES FOR TREATING MEDICAL WASTE AND METHODS OF THEIR USE**
[54] **DISPOSITIFS DE TRAITEMENT DES DECHETS MEDICAUX ET LEURS METHODES D'UTILISATION**
[72] BELL, JEFFREY HAMILTON, US
[72] NAULT, ANDRE PHILLIPE, US
[72] WINSKOWICZ, ROBERT TODD, US
[72] BATES, PETER, US
[72] DELFOSSE, DUANE, US
[72] TRAINA, ZACHARY, US
[71] STERILIS, LLC, US
[85] 2017-02-21
[86] 2015-08-13 (PCT/US2015/045017)
[87] (WO2016/028593)
[30] US (14/465,811) 2014-08-21

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[13] A1
[51] **Int.Cl. G02B 6/10 (2006.01) G02B 6/44 (2006.01)**
[25] EN
[54] **OPTICAL FIBER CABLE WITH IMPACT RESISTANT BUFFER TUBE**
[54] **CABLE A FIBRES OPTIQUES PRESENTANT UN TUBE TAMPON RESISTANT AUX CHOCS**
[72] BACA, ADRA SMITH, US
[72] BOOKBINDER, DANA CRAIG, US
[72] OCAMPO, MANUELA, US
[72] PETERSON, RICHARD CURWOOD, US
[72] SEDDON, DAVID ALAN, US
[72] TANDON, PUSHKAR, US
[72] WILLIAMSON, BRANDON ROBERT, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
[85] 2017-02-21
[86] 2015-08-19 (PCT/US2015/045789)
[87] (WO2016/039952)
[30] US (62/040,652) 2014-08-22

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[13] A1
[51] **Int.Cl. F42B 6/04 (2006.01) F42B 6/08 (2006.01)**
[25] EN
[54] **INSERT/OUTSERT ASSEMBLY FOR AN ARROW**
[54] **ENSEMBLE INSERT/EXCART POUR FLECHE**
[72] PERRY, DALE, US
[71] BARNETT OUTDOORS, LLC, US
[85] 2017-02-21
[86] 2015-08-19 (PCT/US2015/045844)
[87] (WO2016/028863)
[30] US (62/040,049) 2014-08-21
[30] US (14/829,047) 2015-08-18

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[13] A1
[51] **Int.Cl. A61K 36/48 (2006.01) A61P 1/04 (2006.01) A61P 15/02 (2006.01)**
[25] EN
[54] **EXCIPIENT COMPOSITIONS FOR MUCOADHESIVE PHARMACEUTICAL COMPOSITIONS INCLUDING A SYNERGISTIC COMBINATION OF AMYLOPECTIN, PULLULAN, HYALURONIC ACID, AND XYLOGLUCAN**
[54] **COMPOSITIONS D'EXCIPIENTS POUR COMPOSITIONS PHARMACEUTIQUES MUCOADHESIVES COMPRENANT UNE ASSOCIATION SYNERGIQUE D'AMYLOPECTINE, PULLULANE, ACIDE HYALURONIQUE ET XYLOGLUCANE**
[72] BANOV, DANIEL, US
[71] PROFESSIONAL COMPOUNDING CENTERS OF AMERICA (PCCA), US
[85] 2017-02-21
[86] 2015-08-20 (PCT/US2015/046044)
[87] (WO2016/028979)
[30] US (62/039,821) 2014-08-20
[30] US (14/830,418) 2015-08-19

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[13] A1
[51] **Int.Cl. A61B 3/113 (2006.01) A61B 3/024 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS AND DEVICES FOR MONITORING EYE MOVEMENT TO TEST A VISUAL FIELD**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS DE SURVEILLANCE DU MOUVEMENT DE L'□IL POUR TESTER UN CHAMP VISUEL**
[72] CORNSWEET, TOM N., US
[72] PETERSON, PAUL, US
[72] BOWER, BRAD, US
[71] BRIEN HOLDEN VISION DIAGNOSTICS, US
[85] 2017-02-21
[86] 2015-08-19 (PCT/US2015/045865)
[87] (WO2016/028877)
[30] US (62/040,522) 2014-08-22

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[13] A1
[51] **Int.Cl. A61K 31/56 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS TO TREAT VISION DISORDERS**
[54] **COMPOSITIONS ET PROCEDES POUR TRAITER DES TROUBLES DE LA VISION**
[72] ZHANG, KANG, US
[72] HOU, RUI, CN
[72] CAI, HUIMIN, CN
[71] GUANGZHOU KANGRUI BIOLOGICAL PHARMACEUTICAL TECHNOLOGY CO., LTD., CN
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-02-21
[86] 2015-08-24 (PCT/US2015/046453)
[87] (WO2016/029199)
[30] US (62/040,721) 2014-08-22
[30] US (62/194,120) 2015-07-17

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[13] A1
[51] **Int.Cl. B23Q 39/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MACHINING A WORKPIECE**
[54] **APPAREIL ET PROCEDE D'USINAGE D'UNE PIECE**
[72] STRICKLEN, RICHARD, US
[71] SUPERIOR INDUSTRIES INTERNATIONAL, INC., US
[85] 2017-02-21
[86] 2015-08-21 (PCT/US2015/046226)
[87] (WO2016/029080)
[30] US (62/040,596) 2014-08-22
[30] US (14/525,300) 2014-10-28

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[13] A1
[51] **Int.Cl. C01B 39/54 (2006.01) B01J 29/85 (2006.01)**
[25] EN
[54] **METHOD FOR SYNTHESIZING SILICOALUMINOPHOSPHATE-34 MOLECULAR SIEVES USING MONOISOPROPANOLAMINE**
[54] **PROCEDE DE SYNTHESE DE TAMIS MOLECULAIRES EN SILICOLUMINOPHOSPHATE-34 EN UTILISANT DE LA MONO-ISOPROPANOLAMINE**
[72] ZHANG, QIUHUA, US
[72] KORANNE, MANOJ M., US
[71] W. R. GRACE & CO.-CONN., US
[85] 2017-02-21
[86] 2015-08-21 (PCT/US2015/046212)
[87] (WO2016/029076)
[30] US (62/040,538) 2014-08-22

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[13] A1
[51] **Int.Cl. A61B 1/00 (2006.01)**
[25] EN
[54] **ADVANCED ELECTROMAGNETIC MOTION AND TRACKING PERIPHERALLY INSERTED CENTRAL VENOUS CATHETER SYSTEM WITH EXTENDED ENDOVASCULAR APPLICATIONS**
[54] **SYSTEME DE CATHETER VEINEUX CENTRAL INSERE PAR VOIE PERIPHERIE A SUIVI ET MOUVEMENT ELECTROMAGNETIQUE PERFECTIONNE PERMETTANT DES APPLICATIONS ENDOVASCULAIRES ELARGIES**
[72] PARMAR, JAYWANT P., US
[71] PARMAR, JAYWANT P., US
[85] 2017-02-21
[86] 2015-08-24 (PCT/US2015/046610)
[87] (WO2016/029228)
[30] US (62/041,007) 2014-08-22

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[13] A1
[51] **Int.Cl. H04W 4/02 (2009.01)**
[25] EN
[54] **USING A WIRELESS BEACON TO PROVIDE ACCESS CREDENTIALS TO A SECURE NETWORK**
[54] **UTILISATION D'UNE BALISE SANS FIL POUR PRESENTER DES JUSTIFICATIFS D'ACCES A UN RESEAU SECURISE**
[72] O'TOOLE, CHRISTOPHER DIEBOLD, US
[72] LUK, BRYANT GENEPANG, US
[72] HE, ROBERT, US
[72] BRENNER, JENNIFER, US
[72] TANG, YU, US
[71] EBAY INC., US
[85] 2017-02-21
[86] 2015-08-21 (PCT/US2015/046404)
[87] (WO2016/029177)
[30] US (14/466,891) 2014-08-22

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[13] A1
[51] **Int.Cl. C12Q 1/60 (2006.01) C07J 9/00 (2006.01) G01N 33/92 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS TO TREAT AND/OR PREVENT VISION DISORDERS OF THE LENS OF THE EYE**
[54] **COMPOSITIONS ET PROCEDES POUR TRAITER ET/OU PREVENIR DES TROUBLES DE LA VISION DU CRISTALLIN DE L'OEIL**
[72] KIM, STANLEY, US
[72] ZHANG, KANG, US
[72] ZHU, JIE, US
[72] HOU, RUI, CN
[72] PERRY, JEFFERSON J., US
[71] KIM, STANLEY, US
[71] ZHANG, KANG, US
[85] 2017-02-21
[86] 2015-08-22 (PCT/US2015/046437)
[87] (WO2016/029197)
[30] US (62/040,721) 2014-08-22
[30] US (62/195,139) 2015-07-21

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[51] **Int.Cl. B67D 7/80 (2010.01) B67D 3/00 (2006.01) F25B 1/00 (2006.01) F25D 3/00 (2006.01) F25D 17/02 (2006.01)**
[25] EN
[54] **BEVERAGE CHILLER AND ASSOCIATED SYSTEMS AND METHODS**
[54] **DISPOSITIFS DE REFROIDISSEMENT DE BOISSONS ET SYSTEMES ET PROCEDES ASSOCIES**
[72] CASWELL, MICHAEL ROBERT, US
[72] HODOR, MICHAEL, US
[72] PHILLIPS, DAVID H., US
[71] ROASTING PLANT, INC., US
[85] 2017-02-21
[86] 2015-08-21 (PCT/US2015/046291)
[87] (WO2016/029112)
[30] US (62/040,651) 2014-08-22

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[13] A1
[51] **Int.Cl. G06Q 20/22 (2012.01) G06Q 20/38 (2012.01) G06Q 20/40 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **BRAND-SPONSORED CUSTOMER PAYMENT CARD**
[54] **CARTE DE PAIEMENT DE CLIENT PARRAINEE PAR UNE MARQUE**
[72] VAYSMAN, ARTHUR, US
[71] AINTU, INC., US
[85] 2017-02-21
[86] 2015-08-24 (PCT/US2015/046616)
[87] (WO2016/029231)
[30] US (62/040,982) 2014-08-22

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[13] A1
[51] **Int.Cl. A61K 38/16 (2006.01) A61K 31/7125 (2006.01) C07H 21/02 (2006.01)**
[25] EN
[54] **CHANNEL MODULATORS**
[54] **MODULATEURS DE CANAUX**
[72] GREEN, COLIN RICHARD, NZ
[72] KIM, YERI, NZ
[72] PHILLIPS, ANTHONY, NZ
[72] DUFT, BRADFORD JAMES, US
[71] AUCKLAND UNISERVICES LIMITED, NZ
[71] OCUNEXUS THERAPEUTICS, INC., US
[85] 2017-02-21
[86] 2015-08-21 (PCT/US2015/046425)
[87] (WO2016/029191)
[30] NZ (628630) 2014-08-22
[30] US (62/080,217) 2014-11-14
[30] US (62/085,226) 2014-11-26
[30] US (62/146,128) 2015-04-10
[30] US (62/147,488) 2015-04-14
[30] NZ (709673) 2015-07-02

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[13] A1
[51] **Int.Cl. C07D 213/81 (2006.01)**
[25] EN
[54] **SOLUBLE EPOXIDE HYDROLASE INHIBITORS AND USES THEREOF**
[54] **INHIBITEURS DE L'EPOXYDE HYDROLASE SOLUBLE ET UTILISATIONS DE CEUX-CI**
[72] ZHANG, YING, US
[72] KEEFE, ANTHONY D., US
[72] DUMELIN, CHRISTOPH, CH
[71] X-CHEM, INC., US
[85] 2017-02-21
[86] 2015-08-26 (PCT/US2015/046878)
[87] (WO2016/033150)
[30] US (62/043,275) 2014-08-28

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) A61K 39/395 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **ENGRAFTMENT OF STEM CELLS WITH A COMBINATION OF AN AGENT THAT TARGETS STEM CELLS AND MODULATION OF IMMUNOREGULATORY SIGNALING**
[54] **GREFFE DE CELLULES SOUCHES AVEC COMBINAISON D'UN AGENT CIBLANT DES CELLULES SOUCHES ET MODULATION DE LA SIGNALISATION IMMUNOREGULATRICE**
[72] SHIZURU, JUDITH A., US
[72] WEISKOPF, KIPP ANDREW, US
[72] RING, AARON MICHAEL, US
[72] CHHABRA, AKANKSHA, US
[72] SCHNORR, PETER, US
[72] WEISSMAN, IRVING L., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2017-02-21
[86] 2015-08-26 (PCT/US2015/046976)
[87] (WO2016/033201)
[30] US (62/041, 989) 2014-08-26

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[13] A1
[51] **Int.Cl. B25J 9/16 (2006.01) B25J 9/18 (2006.01) B25J 11/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FLEXIBLE HUMAN-MACHINE COLLABORATION**
[54] **SYSTEME ET PROCEDE POUR COLLABORATION HOMME-MACHINE SOUPLE**
[72] GUERIN, KELLEHER, US
[72] HAGER, GREGORY D., US
[72] RIEDEL, SEBASTIAN, DE
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2017-02-21
[86] 2015-08-28 (PCT/US2015/047394)
[87] (WO2016/036593)
[30] US (14/475,184) 2014-09-02

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[13] A1
[51] **Int.Cl. C12N 1/21 (2006.01) A61K 35/74 (2015.01) A61P 31/04 (2006.01)**
[25] EN
[54] **VACCINE FOR LIVESTOCK PRODUCTION SYSTEMS**
[54] **VACCIN POUR SYSTEMES D'ELEVAGE D'ANIMAUX**
[72] MAHAN, MICHAEL, US
[72] HEITHOFF, DOUGLAS, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-02-21
[86] 2015-08-28 (PCT/US2015/047549)
[87] (WO2016/033532)
[30] US (62/043,459) 2014-08-29

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[13] A1
[51] **Int.Cl. G01F 23/00 (2006.01) E02D 29/12 (2006.01) G01F 23/22 (2006.01) G01F 23/30 (2006.01)**
[25] EN
[54] **MONITORING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE**
[72] FORSTER-KNIGHT, ANDREW, AU
[72] LAMBE, JEAN-PAUL, AU
[71] SOUTH EAST WATER CORPORATION, AU
[85] 2017-02-22
[86] 2015-09-03 (PCT/AU2015/050519)
[87] (WO2016/033653)
[30] AU (2014903521) 2014-09-03

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[13] A1
[51] **Int.Cl. G06T 7/60 (2017.01) B60L 3/12 (2006.01) B60M 1/12 (2006.01) G06T 7/00 (2017.01)**
[25] EN
[54] **IDENTIFICATION OF A PANTOGRAPH REPRESENTED IN AN IMAGE**
[54] **IDENTIFICATION D'UN PANTOGRAPHE REPRESENTE DANS UNE IMAGE**
[72] PENG, EN, AU
[72] LAU, WILLIAM HOCK OON, AU
[72] ADAMS, BRETT, AU
[71] DTI GROUP LIMITED, AU
[85] 2017-02-22
[86] 2015-09-15 (PCT/AU2015/050545)
[87] (WO2016/041007)
[30] AU (2014903664) 2014-09-15

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[13] A1
[51] **Int.Cl. A23J 3/16 (2006.01) A23J 1/14 (2006.01)**
[25] EN
[54] **PREPARATION OF SOY PROTEIN PRODUCTS ("S810")**
[54] **PREPARATION DE PRODUITS DE PROTEINES DE SOJA ("S810")**
[72] SEGALL, KEVIN I., CA
[72] SCHWEIZER, MARTIN, CA
[72] GREEN, BRENT E., CA
[71] BURCON NUTRASCIENCE (MB) CORP., CA
[85] 2017-02-22
[86] 2015-08-27 (PCT/CA2015/050819)
[87] (WO2016/029314)
[30] US (62/042,425) 2014-08-27

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[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01) A61M 27/00 (2006.01) A61M 39/22 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR MANAGING CHEST DRAINAGE**
[54] **DISPOSITIFS ET PROCEDES DE GESTION DU DRAINAGE THORACIQUE**
[72] LUXON, EVAN S., US
[72] BURNETT, DANIEL R., US
[72] ZIEGLER, MARK, US
[71] CENTESE, INC., US
[85] 2017-02-21
[86] 2015-09-29 (PCT/US2015/052960)
[87] (WO2016/054051)
[30] US (62/056,683) 2014-09-29
[30] US (62/136,488) 2015-03-21
[30] US (62/149,559) 2015-04-18
[30] US (62/181,031) 2015-06-17

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[13] A1
[51] **Int.Cl. G06F 17/50 (2006.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **METHODS, APPARATUS AND ARTICLES OF MANUFACTURE FOR A RING ADVISOR SYSTEM**
[54] **PROCEDES, APPAREIL ET ARTICLES DE FABRICATION POUR SYSTEME CONSEILLER DANS LE CHOIX DE BAGUE**
[72] BERG, ALEX, US
[72] HICKS, RYAN, US
[71] ELECTRONIC COMMODITIES EXCHANGE, L.P., US
[85] 2017-02-20
[86] 2015-08-20 (PCT/US2015/046168)
[87] (WO2016/029057)
[30] US (62/039,573) 2014-08-20

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[13] A1
[51] **Int.Cl. C09K 8/584 (2006.01)**
[25] EN
[54] **AN ANIONIC-CATIONIC-NONIONIC SURFACTANT, PRODUCTION AND USE THEREOF**
[54] **TENSIOACTIF ANIONIQUE-CATIONIQUE-NON IONIQUE, SON PROCEDE DE PREPARATION ET APPLICATION**
[72] LI, YINGCHENG, CN
[72] GU, SONGYUAN, CN
[72] ZHANG, WEIDONG, CN
[72] BAO, XINNING, CN
[72] SHA, OU, CN
[72] SHEN, ZHIQIN, CN
[72] YANG, YIQING, CN
[72] ZHAI, XIAODONG, CN
[71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[71] SHANGHAI RESEARCH INSTITUTE OF PETROCHEMICAL TECHNOLOGY, SINOPEC, CN
[85] 2017-02-22
[86] 2014-10-22 (PCT/CN2014/000939)
[87] (WO2016/061712)

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[13] A1
[51] **Int.Cl. C11D 3/37 (2006.01) C08F 216/14 (2006.01)**
[25] EN
[54] **LAUNDRY DETERGENTS AND CLEANING COMPOSITIONS COMPRISING SULFONATE GROUP-CONTAINING POLYMERS**
[54] **DETERGENTS A LESSIVE ET COMPOSITIONS DE NETTOYAGE COMPRENANT DES POLYMERES CONTENANT DES GROUPES SULFONATE**
[72] WANG, XIAOLI, CN
[72] ZHAI, XIANLING, CN
[72] QIN, PENG, CN
[72] LIU, XIAOYAN, CN
[72] HEMMI, AKIKO, JP
[72] MIZOGUCHI, HIROTAKA, JP
[72] MATSUMOTO, RIKA, JP
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-02-22
[86] 2014-09-25 (PCT/CN2014/087376)
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[13] A1
[51] **Int.Cl. A63B 22/20 (2006.01) A63B 22/00 (2006.01) A63B 23/00 (2006.01)**
[25] EN
[54] **PHYSICAL TRAINING ACCESSORY AND USE THEREOF**
[54] **ACCESSOIRE D'ENTRAINEMENT PHYSIQUE ET SON UTILISATION**
[72] GOYETTE, CLAUDE, CA
[71] ENTRAINEUR GLOBAL 360 INC., CA
[85] 2017-02-14
[86] 2015-08-20 (PCT/CA2015/050795)
[87] (WO2016/026047)
[30] US (62/039,484) 2014-08-20

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[13] A1
[51] **Int.Cl. F24J 2/00 (2014.01) C09K 5/00 (2006.01)**
[25] EN
[54] **SOLAR WATER HEATING AUXILIARY HEAT STORAGE DEVICE AND POWER PLANT BOILER SOLAR WATER HEATING SUPPLY SYSTEM FORMED THEREOF**
[54] **DISPOSITIF DE STOCKAGE THERMIQUE AUXILIAIRE A CHAUFFAGE SOLAIRE D'EAU ET SYSTEME DE DISTRIBUTION DE CHAUFFAGE SOLAIRE D'EAU DE CHAUDIERE DE CENTRALE ELECTRIQUE LE COMPRENANT**
[72] CHEN, YILONG, CN
[72] HU, SHUCHUAN, CN
[72] ZHANG, YANFENG, CN
[71] ZHONGYING CHANGJIANG INTERNATIONAL NEW ENERGY INVESTMENT CO., LTD., CN
[85] 2017-02-22
[86] 2015-06-30 (PCT/CN2015/082768)
[87] (WO2016/026351)
[30] CN (201410419863.2) 2014-08-22

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[13] A1
[51] **Int.Cl. G06F 3/048 (2013.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR IMAGES WITH INTERACTIVE FILTERS**
[54] **PROCEDES ET SYSTEMES POUR DES IMAGES AYANT DES FILTRES INTERACTIFS**
[72] AHUJA, SOURABH, US
[72] WU, LIANG, US
[72] MOK, MICHAEL ANDREW, US
[72] AMARIS, LIAN A., US
[71] GLU MOBILE, INC., US
[85] 2017-02-21
[86] 2015-08-21 (PCT/US2015/046348)
[87] (WO2016/029142)
[30] US (14/465,747) 2014-08-21

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[13] A1
[51] **Int.Cl. F24J 2/05 (2006.01) F24J 2/24 (2006.01)**
[25] EN
[54] **SOLAR HEAT COLLECTION ADSORPTION COMPOSITE TUBE, SOLAR HEAT COLLECTION ADSORPTION COMPOSITE BED COMPOSED OF SOLAR HEAT COLLECTION ADSORPTION COMPOSITE TUBES, AND COOLING AND HEATING SYSTEM FORMED OF SOLAR HEAT COLLECTION ADSORPTION COMPOSITE BED**
[54] **TUBE COMPOSITE A ADSORPTION POUR COLLECTE DE CHALEUR SOLAIRE, LIT COMPOSITE A ADSORPTION POUR COLLECTE DE CHALEUR SOLAIRE COMPOSE DE TUBES COMPOSITES A ADSORPTION POUR COLLECTE DECHALEUR SOLAIRE, ET SYSTEME DE REFROIDISSEMENT ET DE CHAUFFAGE FORME DU LIT COMPOSITE A ADSORPTION POUR COLLECTE DE CHALEUR SOLAIRE**
[72] CHEN, YILONG, CN
[72] HU, SHUCHUAN, CN
[72] ZHANG, YANFENG, CN
[71] ZHONGYING CHANGJIANG INTERNATIONAL NEW ENERGY INVESTMENT CO., LTD., CN
[85] 2017-02-22
[86] 2015-06-30 (PCT/CN2015/082787)
[87] (WO2016/026352)
[30] CN (201410419864.7) 2014-08-22

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[13] A1
[51] **Int.Cl. B25J 9/00 (2006.01) B25J 9/14 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SENSORS FOR SOFT ROBOTS AND SOFT ACTUATORS**
[54] **CAPTEURS POUR ROBOTS SOUPLES ET ACTIONNEURS SOUPLES**
[72] LESSING, JOSHUA AARON, US
[72] WHITESIDES, GEORGE M., US
[72] MARTINEZ, RAMSES V., US
[72] YANG, DIAN, US
[72] MOSADEGH, BOBAK, US
[72] GALLOWAY, KEVIN C., US
[72] GUDER, FIRAT, US
[72] TAYI, ALOK SURYAVAMSEE, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[72] GAD, PARAG, US
[72] ROY, ROLAND R., US
[72] GERASIMENKO, YURY P., US
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[54] **COMPOSE 2-ALKYLOXY BENZENE FORMYL ARYLAMINE ET SON UTILISATION PHARMACEUTIQUE**
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[72] LI, YALI, CN
[72] ZHOU, LU, CN
[72] WANG, PENGHUI, CN
[72] CHU, YONG, CN
[72] GONG, HAOJUN, CN
[72] HUANG, QI, CN
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[54] **SYSTEME ELECTRIQUE SOUS-MARIN COMPENSE EN PRESSION**
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[72] GRADINGER, THOMAS, CH
[72] LENDENMANN, HEINZ, SE
[72] VIRTANEN, ESA, FI
[72] WAGNER, THOMAS, CH
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[54] **CODEUR, DECODEUR ET PROCEDE DE CODAGE ET DE DECODAGE D'UN CONTENU AUDIO A L'AIDE DE PARAMETRES PERMETTANT D'AMELIORER UNE DISSIMULATION**
[72] LECOMTE, JEREMIE, DE
[72] SCHUBERT, BENJAMIN, DE
[72] SCHNABEL, MICHAEL, DE
[72] DIETZ, MARTIN, DE
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[71] BETANIEN HOSPITAL, NO
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[54] **APPAREIL DE RECEPTION ET APPAREIL DE TRANSMISSION**
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[72] TAKAHASHI, MAKI, JP
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[72] JANNSON, CHRISTER, US
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[72] REED, JOHN S., US
[71] KIVERDI, INC., US
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[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[72] VINCENT, BILL, US
[72] MCGEEVER, CASEY, US
[72] MASSUNG, MICHELLE L., US
[72] PAVLIK, GREGG, US
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[54] **AGENT DE MODIFICATION DE SURFACE DESTINE A REDUIRE LA POUSSIERE PROVENANT DE PARTICULES D'ADDITIF**
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[72] MILLER, MATTHEW LYNN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **ENSEMBLE PORTE MONTE A L'AVANT POUR DES UNITES DE STOCKAGE ET DE DISTRIBUTION**
[72] SAVAGE, BENJAMIN V., US
[72] WHITAKER, CRAIG S., US
[72] HOOTEN, JOHN, US
[71] SAVAGE, BENJAMIN V., US
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[72] LEE, HSIN-YU, TW
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[72] BULL, JOHN H., US
[72] FRICKE, WILLIAM BRYCE, US
[72] KILLO, JASON C., US
[72] KNODE, GALEN EDGAR, US
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[72] TWADDELL, DANIEL L., US
[72] RANERI, DANIEL CURTIS, US
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[72] GOPALAKRISHNAN, SRIRAM, US
[72] KARC, JEFFREY, US
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[71] BEC COMPANIES, INC., US
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[54] **APPAREIL DE DISTRIBUTION DE BOISSON AVEC ASSEMBLAGE DE CAPTEUR POUR DETECTER LA DISTRIBUTION DE BOISSON**
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[72] MARTINDALE, RICHARD A., US
[71] AUTOMATIC BAR CONTROLS, INC., US
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[54] **CAPTURE, TRANSFERT ET LIBERATION DE CHALEUR POUR APPLICATIONS INDUSTRIELLES**
[72] THIERS, EUGENE, US
[72] BAYLEY, BRIAN, US
[72] LUM, GARY, US
[71] SYLVAN SOURCE, INC., US
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[54] UTILISATION DE BIOMARQUEURS DE CELLULES CIRCULANT DANS LE SANG POUR LA DETECTION ET LE DIAGNOSTIC DE MALADIES, ET LEURS PROCEDES D'ISOLEMENT
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[72] FITZGERALD, NICHOLAS JOHN, AU
[72] STEVENS, CRAIG JASON, AU
[72] HUBERTS, JOHN THOMAS, AU
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[54] CAPTEUR DE PH A BASE D'OXYDES METALLIQUES
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[72] VEPSALAINEN, MIKKO, AU
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[54] LUNETTES ET PROCEDE POUR DETERMINER LES CENTRES DES PUPILLES DES DEUX YEUX D'UNE PERSONNE
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[72] PFLEGER, CHRISTOPH, AT
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[72] DAIGLE, RICHARD, CA
[72] MADORE, ERIC, CA
[72] FRADETTE, SYLVIE, CA
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[72] COTE, ROLAND, CA
[71] POLYSTYVERT INC., CA
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[54] APPAREIL ET PROCEDE DE DETECTION DE GAZ UTILISANT UN VEHICULE AERIEN SANS PILOTE
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[72] BROWN, OWEN, CA
[71] ISIS GEOMATICS INC., CA
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[87] (WO2016/029305)
[30] US (62/041,215) 2014-08-25

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[51] Int.Cl. C01B 5/02 (2006.01) B01D 53/047 (2006.01) B01D 59/26 (2006.01)
[25] EN
[54] METHOD FOR PRODUCING DEUTERIUM-DEPLETED WATER, METHOD FOR SEPARATING HEAVY WATER AND LIGHT WATER, AND METHOD FOR PRODUCING DEUTERIUM-ENRICHED WATER
[54] PROCEDE DE PRODUCTION D'EAU APPAUVRIE EN DEUTERIUM, PROCEDE DE SEPARATION D'EAU LOURDE ET D'EAU LEGERE, ET PROCEDE DE PRODUCTION D'EAU ENRICHIE EN DEUTERIUM
[72] KANEKO, KATSUMI, JP
[72] TAKAGI, TOSHIO, JP
[72] MURATA, KATSUYUKI, JP
[71] SHINSHU UNIVERSITY, JP
[71] KOTOBUKI TSUSHOU CO., LTD., JP
[85] 2017-02-24
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[87] (WO2016/031896)
[30] JP (2014-175354) 2014-08-29

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[13] A1
[51] Int.Cl. A61M 5/142 (2006.01)
[25] EN
[54] APPARATUS AND METHOD FOR INFUSING FLUID THROUGH A TUBE BY APPROPRIATELY HEATING THE TUBE
[54] APPAREIL ET PROCEDE D'INFUSION DE FLUIDE A TRAVERS UN TUBE PAR LE CHAUFFAGE APPROPRIE DU TUBE
[72] BIASI, JOHN J., US
[72] GRAY, LARRY B., US
[72] PAWLOWSKI, DANIEL F., US
[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US
[85] 2017-02-22
[86] 2015-09-14 (PCT/US2015/049952)
[87] (WO2016/044146)
[30] US (62/052,008) 2014-09-18

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[51] Int.Cl. H01C 3/00 (2006.01) H01C 1/028 (2006.01) H01C 1/082 (2006.01) H01C 1/14 (2006.01)
[25] EN
[54] RESISTOR, HEAT DISSIPATER AND COMBINATORY DEVICE OF RESISTOR AND HEAT DISSIPATER
[54] RESISTANCE, DISSIPATEUR DE CHALEUR, ET DISPOSITIF COMBINE DE RESISTANCE ET DE DISSIPATEUR DE CHALEUR
[72] FANG, TAIXUN, CN
[72] ZHANG, XIANG, CN
[72] LIU, LEI, CN
[72] LI, ZHAO, CN
[72] ZHANG, GUANGTAI, CN
[72] DING, FENGFENG, CN
[72] ZHANG, HUILIANG, CN
[71] NR ELECTRIC CO., LTD, CN
[71] NR ENGINEERING CO., LTD, CN
[71] NR ELECTRIC POWER ELECTRONICS CO., LTD., CN
[85] 2017-02-23
[86] 2015-09-29 (PCT/CN2015/091026)
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[13] A1
[51] Int.Cl. E05B 65/52 (2006.01)
[25] EN
[54] LOCK ARRANGED ON SUITCASE CAPABLE OF BEING OPENED OR CLOSED WITHOUT USING ZIPPER, AND TRAVEL SUITCASE
[54] VERROU DISPOSE SUR UNE VALISE POUVANT ETRE OUVERTE OU FERMEE SANS UTILISER DE FERMETURE A GLISSIERE, ET VALISE DE VOYAGE
[72] KE, HUIZI, CN
[72] LAI, XIUXING, CN
[71] SHANGHAI DAMAO-SHINE TECHNICAL CO., LTD, CN
[85] 2017-02-23
[86] 2015-08-03 (PCT/CN2015/085919)
[87] (WO2016/029780)
[30] CN (201420493265.5) 2014-08-29
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[13] A1
[51] Int.Cl. B01D 53/14 (2006.01)
[25] EN
[54] REMOVAL OF HYDROGEN SULPHIDE AND CARBON DIOXIDE FROM A STREAM OF FLUID
[54] ELIMINATION DU SULFURE D'HYDROGENE ET DU DIOXYDE DE CARBONE D'UN FLUX DE FLUIDE
[72] INGRAM, THOMAS, DE
[72] NOTZ, RALF, DE
[72] VORBERG, GERALD, DE
[72] SIEDER, GEORG, DE
[71] BASF SE, DE
[85] 2017-02-23
[86] 2015-08-20 (PCT/EP2015/069154)
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[30] EP (14182101.7) 2014-08-25

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[51] **Int.Cl. B01D 53/14 (2006.01)**
[25] EN
[54] **REMOVAL OF CARBON DIOXIDE FROM A FLUID FLOW**
[54] **EXTRACTION DU DIOXYDE DE CARBONE D'UN FLUX DE FLUIDE**
[72] INGRAM, THOMAS, DE
[72] NOTZ, RALF, DE
[72] VORBERG, GERALD, DE
[72] SIEDER, GEORG, DE
[72] LOZANO MARTINEZ, GUSTAVO ADOLFO, DE
[72] GARCIA ANDARCIA, HUGO RAFAEL, CN
[71] BASF SE, DE
[85] 2017-02-23
[86] 2015-08-20 (PCT/EP2015/069160)
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[51] **Int.Cl. A61K 39/12 (2006.01)**
[25] EN
[54] **RECOMBINANT MODIFIED VACCINIA VIRUS ANKARA (MVA) FILOVIRUS VACCINE**
[54] **VIRUS CONTRE LES FILOVIRUS A BASE DU VIRUS DE LA VACCINE ANKARA MODIFIE RECOMBINANT (MVA)**
[72] VOLKMANN, ARIANE, DE
[72] STEIGERWALD, ROBIN, DE
[72] HOCHREIN, HUBERTUS, DE
[72] DIRMEIER, ULRIKE, DE
[72] LAUTERBACH, HENNING, DE
[72] HAUSMANN, JURGEN, DE
[71] BAVARIAN NORDIC A/S, DK
[85] 2017-02-23
[86] 2015-09-03 (PCT/EP2015/070161)
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[30] US (62/045,538) 2014-09-03
[30] US (62/055,154) 2014-09-25

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[51] **Int.Cl. E21B 29/00 (2006.01) B08B 9/093 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ACCESS AND REMEDIATION OF HYDROCARBON STORAGE TANKS**
[54] **PROCEDE ET APPAREIL POUR ACCEDER A DES CUVES DE STOCKAGE D'HYDROCARBURES ET POUR PROCEDER A LEUR REHABILITATION**
[72] DONALD, IAN, GB
[72] REID, JOHN, GB
[71] ENPRO SUBSEA LIMITED, GB
[85] 2017-02-23
[86] 2015-08-25 (PCT/GB2015/052448)
[87] (WO2016/030670)
[30] GB (1415031.2) 2014-08-25

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[51] **Int.Cl. A61K 31/19 (2006.01) A61K 31/191 (2006.01) A61P 3/00 (2006.01) A61P 9/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **METHOD FOR ENHANCING ENERGY PRODUCTION AND METABOLISM IN CELLS**
[54] **PROCEDE D'AMELIORATION DE LA PRODUCTION D'ENERGIE ET DU METABOLISME DANS DES CELLULES**
[72] HIRVONEN, PETTERI, FI
[72] ERIKSSON, PETER, FI
[72] KAKSONEN, RISTO, FI
[71] REPLICON HEALTH OY, FI
[85] 2017-02-23
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[51] **Int.Cl. H01H 85/18 (2006.01) H01H 85/42 (2006.01)**
[25] EN
[54] **FUSE FOR HIGH-VOLTAGE APPLICATIONS**
[54] **FUSIBLE POUR APPLICATIONS A HAUTE TENSION**
[72] BUKACEK, JAMES, US
[72] WENZEL, JAMES, US
[72] YERGES, ALAN, US
[72] MUENCH, FRANK, US
[72] EWALD, NICOLE, US
[72] SLETSON, LISA, US
[71] COOPER TECHNOLOGIES COMPANY, US
[85] 2017-02-23
[86] 2015-07-28 (PCT/US2015/042490)
[87] (WO2016/032670)
[30] US (14/469,413) 2014-08-26

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[51] **Int.Cl. C12N 5/074 (2010.01) A61P 3/10 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR PRODUCING HEPATOCYTE-LIKE CELLS**
[54] **PROCEDES ET COMPOSITIONS POUR LA PRODUCTION DE CELLULES DE TYPE HEPATOCYTES**
[72] PELTZ, GARY, US
[72] XU, DAN, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2017-02-23
[86] 2014-09-17 (PCT/US2014/056049)
[87] (WO2015/042125)
[30] US (61/880,056) 2013-09-19

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[13] A1
[51] **Int.Cl. C09K 8/60 (2006.01) C09K 8/035 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **POLYMERIZABLE IONIC LIQUIDS FOR USE IN SUBTERRANEAN FORMATION OPERATIONS**
[54] **LIQUIDES IONIQUES POLYMERISABLES DESTINES A ETRE UTILISES DANS DES OPERATIONS DE FORMATION SOUTERRAINE**
[72] STANCIU, CORNELIU, US
[72] OGLE, JAMES, US
[72] SPARKS, BRADLEY JAMES, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-02-23
[86] 2014-10-01 (PCT/US2014/058557)
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[13] A1
[51] **Int.Cl. F25J 1/00 (2006.01) F25J 3/06 (2006.01)**
[25] EN
[54] **DUAL MIXED REFRIGERANT SYSTEM**
[54] **SYSTEME DE FRIGORIGENE MIXTE DOUBLE**
[72] SEITTER, JENNIFER LAUREN, US
[72] MILLER, TYSON DOUGLAS, US
[72] MILLER, DAVID DOUGLAS, US
[71] BLACK & VEATCH HOLDING COMPANY, US
[85] 2017-02-23
[86] 2015-08-04 (PCT/US2015/043537)
[87] (WO2016/032700)
[30] US (14/473,403) 2014-08-29

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[13] A1
[51] **Int.Cl. C09K 17/40 (2006.01)**
[25] EN
[54] **PHOSPHATIC CLAY PRODUCTS FOR USE AS SOIL WETTING AGENTS, AND METHODS OF DELIVERY OF PHOSPHATIC CLAYS TO SOIL**
[54] **PRODUITS A BASE D'ARGILES PHOSPHATEES POUR UTILISATION EN TANT QU'AGENTS MOUILLANTS POUR LE SOL, ET PROCEDES D'APPLICATION D'ARGILES PHOSPHATEES AU SOL**
[72] BECKINGHAM, NEIL, US
[72] POSPICHAL, TOM, US
[72] BAYLOR, BRYAN, US
[71] THE MOSAIC COMPANY, US
[85] 2017-02-23
[86] 2015-08-03 (PCT/US2015/043374)
[87] (WO2016/032695)
[30] US (14/473,131) 2014-08-29

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[13] A1
[51] **Int.Cl. F25J 1/00 (2006.01) F25J 3/06 (2006.01)**
[25] EN
[54] **DUAL MIXED REFRIGERANT SYSTEM**
[54] **SYSTEME DE FRIGORIGENE MIXTE DOUBLE**
[72] SEITTER, JENNIFER LAUREN, US
[72] MILLER, TYSON DOUGLAS, US
[72] MILLER, DAVID DOUGLAS, US
[71] BLACK & VEATCH HOLDING COMPANY, US
[85] 2017-02-23
[86] 2015-08-03 (PCT/US2015/043444)
[87] (WO2016/032697)
[30] US (14/473,343) 2014-08-29

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[13] A1
[51] **Int.Cl. B65F 1/06 (2006.01) B65F 1/14 (2006.01) B65F 1/16 (2006.01)**
[25] EN
[54] **RECEPTACLE CONFIGURED FOR LINER REPLACEMENT WITHOUT LID REMOVAL**
[54] **RECEPTACLE CONFIGURE POUR PERMETTRE LE REMPLACEMENT D'UN REVETEMENT INTERIEUR SANS DEVOIR RETIRER UN COUVERCLE**
[72] FITZGERALD, THOMAS M., US
[72] MCCLANAHAN, DAVID D., US
[71] T.M. FITZGERALD & ASSOCIATES, US
[85] 2017-02-23
[86] 2015-08-25 (PCT/US2015/046691)
[87] (WO2016/033042)
[30] US (62/041,193) 2014-08-25

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[13] A1
[51] **Int.Cl. E21B 33/13 (2006.01) C09K 8/42 (2006.01)**
[25] EN
[54] **TREATMENT FLUIDS COMPRISING CALCIUM ALUMINATE CEMENT AND METHODS OF USE**
[54] **FLUIDES DE TRAITEMENT COMPRENANT UN CIMENT D'ALUMINATE DE CALCIUM ET PROCEDES D'UTILISATION**
[72] MORGAN, RONNIE GLEN, US
[72] AGAPIOU, KYRIACOS, US
[72] LEWIS, SAMUEL J., US
[72] PISKLAK, THOMAS JASON, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-02-23
[86] 2014-12-05 (PCT/US2014/068817)
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[13] A1
[51] **Int.Cl. C09K 8/04 (2006.01) C09K 8/10 (2006.01) C09K 8/68 (2006.01) E21B 21/00 (2006.01)**
[25] EN
[54] **CROSSLINKED FLUID TREATMENT AND METHODS FOR FRACTURING UNDERGROUND FORMATIONS BASED ON FLOWBACK, PRODUCTION WATER, SEAWATER, FRESH WATER, AND MIXTURES OF SAME**
[54] **FLUIDE DE TRAITEMENT RETICULE ET PROCEDES DE FRACTURATION DE FORMATIONS SOUTERRAINES A BASE D'EAU DE RETOUR, D'EAU DE PRODUCTION, D'EAU DE MER, D'EAU DOUCE ET DE MELANGES DE CELLES-CI**
[72] GERMAN BORGOGNO, FABIO, AR
[71] SOTRO FINANCIAL, INC., CR
[85] 2017-02-23
[86] 2015-12-16 (PCT/IB2015/059685)
[87] (WO2016/156956)
[30] AR (20150100952) 2015-03-30

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[13] A1
[51] **Int.Cl. C09K 8/12 (2006.01) C09K 8/035 (2006.01)**
[25] EN
[54] **CROSSLINKED POLYMERS INCLUDING SULFONIC ACID GROUPS OR SALTS OR ESTERS THEREOF AS VISCOSIFIERS AND FLUID LOSS ADDITIVES FOR SUBTERRANEAN TREATMENT**
[54] **POLYMERES RETICULES COMPRENANT DES GROUPES ACIDE SULFONIQUE OU LEURS SELS OU ESTERS EN TANT QU'AGENTS AMELIORANT LA VISCOSITE ET ADDITIFS DE PERTE DE FLUIDE POUR TRAITEMENT SOUTERRAIN**
[72] ZHOU, HUI, US
[72] ZHA, WEIBIN, US
[72] DEVILLE, JAY PAUL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-02-23
[86] 2014-12-22 (PCT/US2014/071801)
[87] (WO2016/105331)

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[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) C12N 5/00 (2006.01) C12N 15/00 (2006.01)**
[25] EN
[54] **PREVENTION OF MUSCULAR DYSTROPHY BY CRISPR/CAS9-MEDIATED GENE EDITING**
[54] **PREVENTION DE LA DYSTROPHIE MUSCULAIRE PAR EDITION DE GENE MEDIEE PAR CRISPR/CAS9**
[72] OLSON, ERIC N., US
[72] LONG, CHENGZU, US
[72] MCANALLY, JOHN R., US
[72] SHELTON, JOHN M., US
[72] BASSEL-DUBY, RHONDA, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2017-02-07
[86] 2015-08-11 (PCT/US2015/044639)
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[30] US (62/035,584) 2014-08-11

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[13] A1
[51] **Int.Cl. C09K 11/61 (2006.01) C09K 11/77 (2006.01) H05B 33/14 (2006.01)**
[25] EN
[54] **ENHANCED COLOR-PREFERENCE LED LIGHT SOURCES USING LAG, NITRIDE, AND PFS PHOSPHORS**
[54] **SOURCES DE LUMIERE ROUGE A PREFERENCE DE COULEUR AMELIOREE UTILISANT DES PHOSPHORES LAG ET PFS ET DU NITRURE DE PHOSPHORE**
[72] VICK, KEVIN JAMES, US
[72] ALLEN, GARY ROBERT, US
[72] CHOWDHURY, ASHFAQUL ISLAM, US
[71] GE LIGHTING SOLUTIONS, LLC, US
[85] 2017-02-23
[86] 2015-01-21 (PCT/US2015/012286)
[87] (WO2016/039800)
[30] US (PCT/US14/054868) 2014-09-09

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[13] A1
[51] **Int.Cl. C09K 5/02 (2006.01) C09K 5/06 (2006.01)**
[25] EN
[54] **HEATED PACKS**
[54] **BLOCS CHAUFFES**
[72] ZSOLCSAK, VERONICA M., US
[72] EIZEN, MICHA, US
[72] BAYES, THOMAS JOHN WILLIAM, GB
[72] WHITEHEAD, IAN NICHOLSON, US
[71] SCHAWBEL TECHNOLOGIES LLC, US
[85] 2017-02-23
[86] 2015-07-01 (PCT/US2015/038801)
[87] (WO2016/032623)
[30] US (62/043,358) 2014-08-28
[30] US (62/091,057) 2014-12-12

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[13] A1
[51] **Int.Cl. A01G 9/20 (2006.01)**
[25] EN
[54] **PHOTON MODULATION MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE MODULATION DE PHOTONS**
[72] SUNTYCH, JON DAREN, US
[71] XIANT TECHNOLOGIES, INC., US
[85] 2017-02-23
[86] 2015-08-27 (PCT/US2015/047239)
[87] (WO2016/033350)
[30] US (62/043,523) 2014-08-29

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[13] A1
[51] **Int.Cl. F25J 1/00 (2006.01) F25J 3/06 (2006.01)**
[25] EN
[54] **DUAL MIXED REFRIGERANT SYSTEM**
[54] **SYSTEME REFRIGERANT MIXTE DOUBLE**
[72] SEITTER, JENNIFER LAUREN, US
[72] MILLER, TYSON DOUGLAS, US
[72] MILLER, DAVID DOUGLAS, US
[71] BLACK & VEATCH HOLDING COMPANY, US
[85] 2017-02-23
[86] 2015-08-04 (PCT/US2015/043541)
[87] (WO2016/032701)
[30] US (14/473,473) 2014-08-29

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[13] A1
[51] **Int.Cl. G05D 1/02 (2006.01) A47L 9/28 (2006.01)**
[25] EN
[54] **AUTONOMOUS TRAVEL BODY DEVICE**
[54] **DISPOSITIF DE CORPS A DEPLACEMENT AUTONOME**
[72] SAITO SEIJI, JP
[72] WATANABE KOICHI, JP
[71] TOSHIBA LIFESTYLE PRODUCTS & SERVICES CORPORATION, JP
[85] 2017-02-23
[86] 2015-08-21 (PCT/JP2015/073505)
[87] (WO2016/031702)
[30] JP (2014-173160) 2014-08-27

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[13] A1
[51] **Int.Cl. G05D 1/02 (2006.01) A47L 9/28 (2006.01)**
[25] EN
[54] **AUTONOMOUS TRAVELING BODY AND VACUUM CLEANER**
[54] **ASPIRATEUR ET CORPS A DEPLACEMENT AUTONOME**
[72] NAKANISHI SYU, JP
[71] TOSHIBA LIFESTYLE PRODUCTS & SERVICES CORPORATION, JP
[85] 2017-02-23
[86] 2015-08-21 (PCT/JP2015/073520)
[87] (WO2016/031706)
[30] JP (2014-176425) 2014-08-29

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[13] A1
[51] **Int.Cl. D04H 1/50 (2012.01)**
[25] EN
[54] **STRETCHABLE NON-WOVEN FABRIC HAVING EXCELLENT REPETITION DURABILITY**
[54] **NON-TISSE EXTENSIBLE AYANT UNE EXCELLENTE DURABILITE DE REPETITION**
[72] KOIZUMI, SATOSHI, JP
[72] KIYOOKA, SUMITO, JP
[72] ARAIDA, YASUROU, JP
[71] KURARAY CO., LTD., JP
[85] 2017-02-23
[86] 2015-08-25 (PCT/JP2015/073874)
[87] (WO2016/031818)
[30] JP (2014-172976) 2014-08-27

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[13] A1
[51] **Int.Cl. A61K 33/44 (2006.01) A61P 1/16 (2006.01) A61P 13/12 (2006.01) A61P 39/02 (2006.01)**
[25] EN
[54] **ADSORBENT FOR ORAL ADMINISTRATION, AGENT FOR TREATING RENAL DISEASE AND AGENT FOR TREATING LIVER DISEASE**
[54] **ADSORBANT POUR ADMINISTRATION PAR VOIE ORALE, AGENT THERAPEUTIQUE POUR MALADIES RENALES ET AGENT THERAPEUTIQUE POUR MALADIES HEPATIQUES**
[72] HONDA KAORU, JP
[72] HIGASHIYAMA YUKIHIRO, JP
[72] WAKAHOI TAKASHI, JP
[71] KUREHA CORPORATION, JP
[85] 2017-02-23
[86] 2015-08-27 (PCT/JP2015/074213)
[87] (WO2016/031908)
[30] JP (2014-173157) 2014-08-27

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[13] A1
[51] **Int.Cl. G06Q 50/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PRE-QUALIFYING CLINICAL TRIAL POPULATIONS**
[54] **SYSTEMES ET METHODES POUR LA PREQUALIFICATION DE POPULATIONS POUR DES ESSAIS CLINIQUES**
[72] MUNOS, BERNARD, US
[71] TRANSPARENCY LIFE SCIENCE, LLC, US
[85] 2017-02-23
[86] 2014-08-22 (PCT/US2014/052265)
[87] (WO2015/027145)
[30] US (61/869,090) 2013-08-23

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[13] A1
[51] **Int.Cl. F25J 3/00 (2006.01)**
[25] EN
[54] **LOW PRESSURE ETHANE LIQUEFACTION AND PURIFICATION FROM A HIGH PRESSURE LIQUID ETHANE SOURCE**
[54] **LIQUEFACTION ET PURIFICATION D'ETHANE A BASSE PRESSION A PARTIR D'UNE SOURCE D'ETHANE LIQUIDE A HAUTE PRESSION**
[72] KENNEDY, DAVID ALLEN, US
[72] LYONS, THOMAS, US
[72] YOUNT, CHRISTOPHER, US
[71] GE OIL & GAS, INC., US
[85] 2017-02-23
[86] 2014-09-02 (PCT/US2014/053654)
[87] (WO2016/036344)

[21] **2,959,158**
[13] A1
[51] **Int.Cl. A01N 43/40 (2006.01)**
[25] EN
[54] **MEDICAL TREATMENTS BASED ON ANAMORELIN**
[54] **TRAITEMENTS MEDICAUX A BASE D'ANAMORELINE**
[72] MANN, WILLIAM, US
[72] FRIEND, JOHN, US
[72] POLVINO, WILLIAM, US
[72] ALLEN, SUZAN, US
[72] LU, MING, US
[72] DUUS, ELIZABETH, US
[72] BARONI, ENRICO, IT
[72] GIORGINO, RUBEN, CH
[71] HELSINN HEALTHCARE SA, CH
[85] 2017-02-23
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Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

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[51] **Int.Cl. B31B 50/14 (2017.01)**
[25] EN
[54] **PLASTIC FILM PUNCHING APPARATUS**
[54] **APPAREIL DE PERFORATION DE PELLICULE PLASTIQUE**
[72] OHNISHI, HIDEO, JP
[71] TOTANI CORPORATION, JP
[22] 2016-01-05
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[30] JP (2015-155249) 2015-08-05

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[25] EN
[54] **SYSTEMS FOR ISOTROPIC QUANTIZATION SORTING OF AUTOMOBILE SHREDDER RESIDUE TO ENHANCE RECOVERY OF RECYCLABLE RESOURCES**
[54] **SYSTEMES POUR LE TRI PAR QUANTIFICATION ISOTROPE DE RESIDUS DE BROYEURS AUTOMOBILES POUR AMELIORER LA RECUPERATION DES RESSOURCES RECYCLABLES**
[72] ANDERSEN, DEAN R., US
[71] IQASR, LLC, US
[22] 2012-07-23
[41] 2013-04-18
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[30] US (13/274328) 2011-10-15

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[54] **NOVEL ANXIOLYTIC COMPOUNDS**
[54] **NOUVEAUX COMPOSES ANXIOLYTIQUES**
[72] BAELL, JONATHAN BAYLDON, AU
[72] SLEEBS, BRAD, AU
[72] FLYNN, BERNARD LUKE, AU
[72] STREET, IAN PHILLIP, AU
[72] QUAZI, NURUL, AU
[72] BUI, CHINH THEIN, AU
[71] BIONOMICS LIMITED, AU
[22] 2007-10-16
[41] 2008-04-24
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[51] **Int.Cl. A61F 13/00 (2006.01)**
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[54] **WOUND DRESSING**
[54] **PANSEMENT DE PLAIE**
[72] HARTWELL, EDWARD YERBURY, GB
[71] SMITH & NEPHEW PLC, GB
[22] 2008-11-20
[41] 2009-05-28
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[30] GB (0722820.8) 2007-11-21
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[25] EN
[54] **METHOD FOR PREPARING 3-TRIFLUOROMETHYL CHALCONES**
[54] **PROCEDE DE PREPARATION DE 3-TRIFLUOROMETHYL CHALCONES**
[72] ANNIS, GARY DAVID, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[22] 2009-04-08
[41] 2009-10-15
[62] 2,718,668
[30] US (61/043,452) 2008-04-09
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[25] EN
[54] **NEURAL PROTEINS AS BIOMARKERS FOR NERVOUS SYSTEM INJURY AND OTHER NEURAL DISORDERS**
[54] **NEURO-PROTEINES UTILISEES COMME BIOMARQUEURS POUR DECELER UNE LESION DU SYSTEME NERVEUX ET D'AUTRES TROUBLES NEUROLOGIQUES**
[72] HAYES, RONALD, US
[72] WANG, KA-WANG KEVIN, US
[72] LIU, MING-CHEN, US
[72] OLI, MONIKA, US
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
[71] BANYAN BIOMARKERS, INC., US
[22] 2005-04-15
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[54] **THE USE OF SGC STIMULATORS, SGC ACTIVATORS, ALONE AND COMBINATIONS WITH PDE5 INHIBITORS FOR THE TREATMENT OF SYSTEMIC SCLEROSIS (SSC).**
[54] **UTILISATION DE STIMULATEURS DE LA SGC, D'ACTIVATEURS DE LA SGC, SEULS ET EN ASSOCIATION AVEC DES INHIBITEURS DE LA PDE5 EN VUE DU TRAITEMENT DE LA SCLERODERMIE**
[72] HIRTH-DIETRICH, CLAUDIA, DE
[72] SANDNER, PETER, DE
[72] STASCH, JOHANNES-PETER, DE
[72] KNORR, ANDREAS, DE
[72] VON DEGENFELD, GEORGES, DE
[72] HAHN, MICHAEL, DE
[72] FOLLMANN, MARKUS, DE
[71] ADVERIO PHARMA GMBH, DE
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[54] **APPARATUS AND METHOD FOR MAKING A PEROXYCARBOXYLIC ACID**
[54] **APPAREIL ET PROCEDE DE FABRICATION D'UN ACIDE PEROXYCARBOXYLIQUE**
[72] MCSHERRY, DAVID, US
[72] STAUB, RICHARD, US
[72] TALLMAN, DAN, US
[72] LI, JUNZHONG, US
[72] LOKKESOME, KEITH, US
[71] ECOLAB INC., US
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[25] EN
[54] **ANTI-MICROBIAL HAND TOWEL WITH TIME-DELAY CHROMATIC TRANSFER INDICATOR AND ABSORBENCY RATE DELAY**
[54] **ESSUIE-MAIN ANTIMICROBIEN A INDICATEUR DE TRANSFERT CHROMATIQUE A RETARDEMENT DE TAUX D'ABSORPTION**
[72] LUU, PHUONG VAN, US
[72] AWOFESO, ANTHONY O., US
[72] YARDLEY, CRAIG D., US
[72] YEH, KANG CHANG, US
[72] JANDA, BRUCE W., US
[71] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US
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[62] 2,906,723
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[54] **SYNTHETIC TRITERPENOIDS AND METHODS OF USE IN THE TREATMENT OF DISEASE**
[54] **TRITERPENOIDES SYNTHETIQUES ET PROCEDES D'UTILISATION DANS LE TRAITEMENT DE MALADIES**
[72] SPORN, MICHAEL., US
[72] LIBY, KAREN, US
[72] GRIBBLE, GORDON W., US
[72] HONDA, TADASHI, US
[72] KRAL, ROBERT M., US
[72] MEYER, COLIN J., US
[71] REATA PHARMACEUTICALS, INC., US
[71] TRUSTEES OF DARTMOUTH COLLEGE, US
[22] 2009-01-12
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[54] **MECHANICAL PROCESSING OF OIL SANDS**
[54] **TRAITEMENT MECANIQUE DE SABLES BITUMINEUX**
[72] DUMA, THOMAS, CA
[71] CRYOEX OIL LTD., CA
[22] 2011-02-14
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[25] EN
[54] **METAL-CONTAINING POLYMERIC REINFORCED PIPE, METHOD FOR MANUFACTURING SAME AND PIPELINE PRODUCED USING SAID PIPE**
[54] **TUYAU ARME EN POLYMERE ET METAL, PROCEDE DE FABRICATION ET TUYAUTERIE C NSTRUITE A PARTIR DE CE TUYAU**
[72] PETROV, YURIY MAKSIMOVICH, RU
[71] PETROV, YURIY MAKSIMOVICH, RU
[22] 2012-08-27
[41] 2013-09-19
[62] 2,867,458
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[54] IMPROVEMENTS FOR PROSTHETIC VALVES AND RELATED INVENTIONS
[54] AMELIORATIONS APPORTEES A DES VALVES PROTHETIQUES ET INVENTIONS ASSOCIEES
[72] VIDLUND, ROBERT, US
[72] SCHANKERELI, KEMAL, US
[72] LOZONSCHI, LUCIAN, US
[72] LUTTER, GEORG, US
[71] TENDYNE HOLDINGS, INC., US
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[54] ISOLATED SPRING CLAMP GROUP
[54] NOUVELLE DEMANDE EN COURS
[72] DUDDING, ASHLEY T., US
[72] WILSON, WILLIAM, US
[72] COLLYER, BRENT, CA
[72] CORTEZ, JEROME LIM, US
[72] WILLIAMS, PATRICK, US
[71] HENDRICKSON USA, L.L.C., US
[22] 2009-04-06
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[54] TOIT ROULANT MECANIQUE
[72] HAAG, LINDSAY, CA
[71] HAAG, LINDSAY, CA
[22] 2014-11-03
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[62] 2,869,262

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[54] TOIT ROULANT MECANIQUE
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[54] COUVERCLE POUR UN CONTENANT
[72] WEISS, DAVID, US
[72] PECHTER, MARTIN, US
[72] TALBOT, THOMAS, US
[71] UVU TECHNOLOGIES, LLC, US
[22] 2011-02-24
[41] 2011-11-27
[62] 2,732,609
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[25] EN
[54] MULTI-COMMERCE CHANNEL WALLET FOR AUTHENTICATED TRANSACTIONS
[54] PORTEFEUILLE UTILISANT DES CANAUX DE COMMERCE MULTIPLES POUR EFFECTUER DES TRANSACTIONS AUTHENTIFIEES
[72] WONG, SHOON PING, US
[72] MOY, KENNETH CHUNG LEM, US
[72] MARTIG, CELINE, SG
[72] FOUREZ, PABLO, BE
[72] MUSHING, ALAN, GB
[72] LUNDEQUIST, FREDRIK, US
[72] SHAON, MICHAEL, US
[72] AMEISS, MICHAEL, US
[71] MASTERCARD INTERNATIONAL, INC., US
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[25] EN
[54] MEDICAL DEVICE FOR MODIFICATION OF LEFT ATRIAL APPENDAGE AND RELATED SYSTEMS AND METHODS
[54] DISPOSITIF MEDICAL PERMETTANT DE MODIFIER L'APPENDICE AURICULAIRE GAUCHE, PROCEDES ET SYSTEMES ASSOCIES
[72] MILES, SCOTT D., US
[72] DAVIS, CLARK C., US
[72] EDMISTON, DARYL R., US
[72] LINDER, RICHARD J., US
[71] COHEREX MEDICAL, INC., US
[22] 2010-06-17
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[54] ENDOSCOPE SIMULATOR
[54] SIMULATEUR D'ENDOSCOPE
[72] VAN DINTHER, PAUL, NZ
[71] AIRWAY LIMITED, NZ
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[51] **Int.Cl. H04L 12/16 (2006.01) G06F 17/27 (2006.01)**
[25] EN
[54] **INFERRING TOPICS FROM SOCIAL NETWORKING SYSTEM COMMUNICATIONS USING SOCIAL CONTEXT**
[54] **DEDUCTION DE SUJETS D'APRES DES COMMUNICATIONS DE SYSTEME DE RESEAU SOCIAL A L'AIDE D'UN CONTEXTE SOCIAL**
[72] DEETER, KEN, US
[72] DUONG, MINH, US
[71] FACEBOOK, INC., US
[22] 2012-06-06
[41] 2012-12-27
[62] 2,840,287
[30] US (13/167,700) 2011-06-24

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[51] **Int.Cl. C07K 16/28 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01)**
[25] EN
[54] **TREATMENT OF TUMORS USING SPECIFIC ANTI-L1 ANTIBODY**
[54] **TRAITEMENT DE TUMEURS A L'A!DE D'UN ANTICORPS ANTI-L1 SPECIFIQUE**
[72] GAST, DANIELA, DE
[72] ALTEVOGT, PETER, DE
[72] MOLDENHAUER, GERHARD, DE
[72] BREITLING, FRANK, DE
[72] KRUGER, ACHIM, DE
[72] WOLTERINK, SILKE, DE
[72] LUTTGAU, SANDRA, DE
[72] MOBIUS, ULRICH, DE
[72] LI, YI, GB
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES OFFENTILICHEN RECHTS, DE
[71] MEDIGENE AG, DE
[22] 2008-06-13
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[62] 2,691,075
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[51] **Int.Cl. E21B 21/08 (2006.01) E21B 33/02 (2006.01) E21B 33/06 (2006.01)**
[25] EN
[54] **FLUID DRILLING EQUIPMENT**
[54] **EQUIPEMENT DE FORAGE DE FLUIDE**
[72] HANNEGAN, DON M., US
[72] BAILEY, THOMAS F., US
[72] CHAMBERS, JAMES W., US
[72] WOODRUFF, DAVID R., US
[72] HARRALL, SIMON J., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[41] 2009-04-23
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[51] **Int.Cl. G09B 29/00 (2006.01) G06F 3/14 (2006.01) G06T 15/20 (2011.01) G09G 5/36 (2006.01)**
[25] EN
[54] **RENDERING, VIEWING AND ANNOTATING PANORAMIC IMAGES, AND APPLICATIONS THEREOF**
[54] **RENDU, VISUALISATION ET ANNOTATION D'IMAGES PANORAMIQUES ET SES APPLICATIONS**
[72] VINCENT, LUC, US
[72] FILIP, DANIEL, US
[72] CHAU, STEPHEN, US
[72] LAFON, STEPHANE, US
[72] YANG, ZHONGHAO, US
[72] SZYBALSKI, ANDREW TIMOTHY, US
[71] GOOGLE INC., US
[22] 2008-05-27
[41] 2008-12-04
[62] 2,688,339
[30] US (11/754,267) 2007-05-25
[30] US (11/754,266) 2007-05-25
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[13] A1
[51] **Int.Cl. A61B 18/20 (2006.01) A61B 18/22 (2006.01)**
[25] EN
[54] **SATELLITE-PLATFORMED ELECTROMAGNETIC ENERGY TREATMENT DEVICE**
[54] **DISPOSITIF DE TRAITEMENT A ENERGIE ELECTROMAGNETIQUE AVEC PLATEFORME A FONCTIONS MULTIPLES**
[72] BOUTOUSSOV, DMITRI, US
[72] ATLAS, MIKHAIL, US
[71] BIOLASE, INC., US
[22] 2009-10-15
[41] 2010-04-22
[62] 2,740,734
[30] US (61/105,782) 2008-10-15

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[13] A1
[51] **Int.Cl. A61M 1/16 (2006.01) A61M 1/34 (2006.01)**
[25] EN
[54] **BLOOD FILTERING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE FILTRAGE DU SANG**
[72] LASTER, MORRIS, IS
[71] XEREM MEDICAL LTD., IL
[22] 2009-11-04
[41] 2010-05-14
[62] 2,741,952
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METZGER, RONALD A. 2,797,225
METZGER, STEVEN W. 2,532,414
METZLER, JASON 2,685,762
MEYER, COLIN J. 2,711,834
MEYERS, CHRISTOPHER 2,894,700
MICELI, DAVID A. 2,810,350
MICELI, JOSEPH A. 2,810,350
MICHIGAN TECHNOLOGICAL UNIVERSITY 2,721,677
MICROSOFT TECHNOLOGY LICENSING, LLC 2,795,343
MIDDENDORF, JOERG 2,829,303
MIKADA, HITOSHI 2,897,141
MIKHAIL, GEORGE A. 2,742,215
MILLEN, JONATHAN A., II 2,623,232
MILLER, MARK 2,686,838
MILLER, TRAVIS JAMES 2,868,811
MILLS, LAWRENCE R. 2,671,807
MIN, JUNG-HYE 2,884,486
MIN, JUNG-HYE 2,884,540
MING, LI 2,799,770
MINIPUMPS, LLC 2,723,724
MIRAKI, MANOUCHEHR 2,769,375
MITCHELL, IAN S. 2,714,888
MITCHELL, STEVEN 2,747,910
MITEK HOLDINGS, INC. 2,836,937
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,887,424
MITSUBISHI SHINDOH CO., LTD. 2,922,455
MITSUI ENGINEERING & SHIPBUILDING CO., LTD. 2,751,882
MIZUMURA, MASAAKI 2,870,110
MOEDINGER, ROLAND 2,782,482
MOENY, WILLIAM 2,821,140
MOHALLEM, TARIK DELLA SANTINA 2,805,911
MOHAPATRA, PRABHU PRASAD 2,753,599
MONOT FREDERIC 2,704,215
MONROE TRUCK EQUIPMENT INC. 2,748,223
MONTOJO, JUAN 2,894,349
MOON, KYOUNGSOO 2,875,465
MOON, KYOUNGSOO 2,875,467
MOON, SEONG-JIN 2,515,187
MOONKA, RAJAS 2,704,951
MORAN, MARK 2,807,150
MORELAND, KRISTYN 2,836,312
MORITA, YOSHIKAZU 2,879,948
MORITA, YOSHIKAZU 2,879,959
MORIYAMA, AKINOBU 2,894,833
MORRIS, ANDREW 2,737,753
MORRISON, ANGUS JOHN 2,783,209
MORSLEY, DAVID ROBERT 2,806,474
MOSTERT, MAARTEN 2,717,945
MSD K.K. 2,650,119
MUCHHALA, SUSHANT 2,760,364
MULDER, BRIAN R. 2,870,406
MULTISORB TECHNOLOGIES, INC. 2,874,976
MURATA, ATSUSHI 2,889,863
MURDOCK, JAROD 2,811,645
MURPHY, DOUGLAS ERIC 2,682,584
MYNTTI, MATTHEW F. 2,721,986
NAASANI, IMAD 2,774,839
NADALIN, MARIO 2,760,006
NAGAMATSU, DAIKI 2,744,019
NAGAYA, SHIGEKI 2,897,141
NAGRAVISION S.A. 2,633,371
NAGRAVISION S.A. 2,734,929
NAIDICH, STEVEN M. 2,421,523
NAIL ALLIANCE, LLC 2,773,607
NAIR, SHIMNAMOL PADMANABHAN 2,830,101
NAKAGAWA, MASAKI 2,814,941
NAKASATO, YOSUKE 2,922,455
NALCO COMPANY 2,740,235
NANOCO TECHNOLOGIES LIMITED 2,684,535
NANOCO TECHNOLOGIES LTD 2,774,839
NANUM NANOTECNOLOGIA S/A 2,805,911
NARA, TAKAYUKI 2,879,948
NARA, TAKAYUKI 2,879,959
NATIONAL OILWELL VARCO, L.P. 2,868,811
NATIONAL PRINTING BUREAU, INCORPORATED ADMINISTRATIVE AGENCY 2,702,654
NAVARRO Y GARCIA, FABRICE 2,733,942
NAVIGATE SURGICAL TECHNOLOGIES, INC. 2,891,036
NAVITAIRE LLC 2,696,894
NAYLOR, MATTHEW S. 2,918,016
NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO 2,741,795
NEFF, DAVID S. 2,679,218
NEMAZANYY, IVAN 2,685,672
NEUBERGER, WOLFGANG 2,606,772
NEVERS, ROMAIN 2,876,809
NEWPAGE CORPORATION 2,772,385
NGUYEN, CHAU 2,765,192
NIIYAMA, KENJI 2,650,119
NIKOLIC, NEBOJSA 2,709,781
NILSSON, M'KAEL 2,689,488
NINOMIYA, MAKOTO 2,894,833
NIPPON STEEL & SUMIKIN ENGINEERING CO., LTD. 2,889,863
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,870,110
NIPPON TELEGRAPH AND TELEPHONE CORPORATION 2,878,385
NISHI, TAKAHIRO 2,707,045
NISHIBATA, TOSHIHIDE 2,650,119
NISSAN CHEMICAL INDUSTRIES, LTD. 2,759,073
NISSAN CHEMICAL INDUSTRIES, LTD. 2,782,727
NISSAN MOTOR CO., LTD. 2,866,812
NISSAN MOTOR CO., LTD. 2,894,833
NISTICA, INC. 2,694,309
NJEGOVAN, NIKOLA 2,738,811
NOGATA, TOMOAKI 2,764,603
NOMICHI, KAORU 2,894,833
NONIN MEDICAL, INC. 2,724,017
NORRIS, LEE DARREN 2,806,474
NOVARTIS AG 2,711,588
NOVILLO, ANDRES 2,882,065
NOVOZYMES BIOLOGICALS, INC. 2,680,370
NUMAO, YASUHIRO 2,866,812
NUSCALE POWER, LLC 2,827,493
NUVO RESEARCH INC. 2,749,084
NYSTROM, SVEN-OLOV 2,741,812
O'BRIEN, JASON TREVOR 2,749,798
O'DONNELL, ADAM J. 2,819,832
O'HAIRE, MICHAEL, 2,861,772
O'KANE, TIMOTHY M. 2,863,663
OELMUELLER, UWE 2,679,172
OGREL, ANDREI 2,767,392
OH, JONG HOON 2,866,660
OH, SEJIN 2,875,465
OH, SEJIN 2,875,467
OHMACHI, AIKO 2,879,948
OHMACHI, AIKO 2,879,959
OHSE, JEREMY 2,894,700
OHSHIMA, KAZUYA 2,702,654
OISHI, KEIICHIRO 2,922,455
OKADA, TAKUMI 2,782,727
OKAMOTO, STEVE 2,704,951
OKEOWO, OLUWASIJIBOMI O. 2,823,242
OLDE, BO 2,652,709
OLIVARES MARTIN, MONICA 2,689,360
OLIVER, DANA A. 2,721,986
OLLILA, FREDRIK 2,756,395
OLSON, TIMOTHY 2,702,364
OLSON, TIMOTHY A. 2,813,604
OLSSON, JAN 2,741,812
OMACHRON INTELLECTUAL PROPERTY INC. 2,730,437
ONG, JAMES 2,823,242
ONISHI, YASUHIRO 2,889,863
ONXEO S.A. 2,732,893

OPENHYDRO IP LIMITED 2,746,960
OPKO BIOLOGICS LTD. 2,767,503
ORICA EXPLOSIVES TECHNOLOGY PTY LTD. 2,714,548
OTA, HIROFUMI 2,782,727
OTC GMBH 2,798,705
OTSUKI, SACHIE 2,650,119
OTTO, JASON KARL 2,739,269
OUELLETTE, KATHY 2,482,504
OUTOTEC (FINLAND) OY 2,875,939
OZASA, HIROAKI 2,897,141
OZUM, ARDA 2,872,981
PACE, CHARLES P. 2,739,482
PACKABLE B.V. 2,814,149
PADIR, HALIL 2,800,005
PAGE, JUSTIN V. 2,740,527
PAILLARD, BRUNO 2,606,238
PAJALA, JUSSI 2,875,939
PALAMARA, JOHN EUGENE 2,813,434
PALAMARA, JOHN EUGENE 2,875,580
PALIN, RONALD 2,783,209
PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA 2,707,045
PANASYUK, GANNA 2,685,672
PANDE, PRAVEEN 2,745,799
PANDEY, ANJALI 2,723,205
PANDEY, ANJALI 2,728,893
PANDROL LIMITED 2,757,663
PANG, CHANGLIN 2,723,724
PAPAKIPOS, MATTHEW NICHOLAS 2,866,158
PARDUE, JERRY EDWIN 2,741,273
PARK, BYUNGSUN 2,875,465
PARMAN, DAVID G. 2,755,439
PARRISH, DENNIS A 2,863,276
PASCAL-DELANNOY, FREDERIQUE 2,712,486
PATEL, ARVIND D. 2,901,060
PATEL, KAMLESH G. 2,876,925
PATEL, VINAY D. 2,863,663
PATTERSON, ROBERT BRICE 2,878,688
PATTON, WAYNE F. 2,745,799
PAULUS, JEANNE 2,706,139
PEABODY, JOSHUA TODD 2,704,516
PEERS, ROBERT PETER 2,865,295
PENG, XUEMEI 2,723,904
PENNINGTON, NOAH 2,813,138
PENTAIR THERMAL MANAGEMENT LLC 2,755,439
PEREZ-GONZALEZ, ALEJANDRO J. 2,706,139
PERKINELMER LAS, INC. 2,602,681
PERKINS, LARRY L. 2,682,862
PERLEY, THOMAS FRANKLIN 2,844,165
PERRINE, JEROME 2,734,929
PETER, MICHAEL 2,876,546
PETERKA, PETR 2,833,529
PETERSON, KLINT 2,702,364
PETERSON, PETER 2,839,293
PETIT, MARIE-NOELLE 2,697,724
PHILIPS LIGHTING NORTH AMERICA CORPORATION 2,685,762
PICKETT, NIGEL 2,684,535
PICKETT, NIGEL 2,774,839
PICKREN, ROY ANTHONY 2,821,527
PICON, MATHIEU 2,712,486
PITT, JEFFREY GRAHAM 2,739,681
PITTET, MICHEL 2,793,972
PODDUTOORI, RAMULU 2,723,904
PODT, MARTIN 2,688,654
POFF, STEVE 2,728,264
POLLARD, MICHAEL EDWIN 2,868,811
PONSOLLE, DOMINIQUE 2,775,053
PORTNEY, VALDEMAR 2,869,850
PORTOLA PHARMACEUTICALS, INC. 2,723,205
PORTOLA PHARMACEUTICALS, INC. 2,728,893
POSSELIUS, JOHN 2,705,946
POSTMA, ALMAR 2,653,384
POSTON, LUCILLA 2,602,681
POTTER, CRAIG W. 2,788,252
POWELL, ANTHONY L. 2,763,022
PRADUN, JAMES N. 2,894,700
PRATTE, JAMES F. 2,775,053
PRAXAIR TECHNOLOGY, INC. 2,836,270
PREMIER NUTRITION CORPORATION 2,717,420
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,442,020
PRESTA, LEONARD G. 2,359,067
PREVITY, RICHARD A. 2,788,252
PRICKEL, MARVIN 2,705,946
PRIMEX MANUFACTURING LTD. 2,906,992
PRIOR, MICHAEL 2,876,726
PROBI AB 2,689,488
PROCTOR, IAIN ANDREW RUSSELL 2,866,158
PROETT, MARK 2,842,791
PROTECTIVE PACKAGING SYSTEMS LIMITED 2,739,681
PROTEONOVA, INC. 2,677,804
PROTEOSTASIS THERAPEUTICS, INC. 2,835,610
PROTEUS INDUSTRIES, INC. 2,762,969
PUIG, STEPHANE 2,737,982
PURAC BIOCHEM BV 2,756,395
PUROLITE CORPORATION 2,751,598
PYLON MANUFACTURING CORP. 2,865,295
PYRYT, JOHN C. 2,894,924
QI, YU 2,690,255
QIAGEN GMBH 2,679,172
QU, QI 2,741,273
QUALCOMM INCORPORATED 2,847,849
QUALCOMM INCORPORATED 2,890,782
QUALCOMM INCORPORATED 2,894,349
QUANDT, HARRY 2,739,181
R. T. VANDERBILT COMPANY, INC. 2,792,850
RAMEAU, JEAN-FRANCOIS 2,671,258
RAMFEL, BARBARA 2,865,480
RAMPHAL, JOHN 2,746,810
RAMUTA, JOE 2,799,496
RANDAZZO, MATTHEW 2,798,689
RANG, WEIMIN 2,839,637
RAO, PADMANABHA 2,758,957
RASTOGI, RAHUL 2,844,165
RASZGA, CALIN 2,776,686
RAVEN INDUSTRIES, INC. 2,790,126
RAYMOND, DOUGLAS A. 2,728,216
RAYNAL, FREDERIC 2,721,841
REATA PHARMACEUTICALS, INC. 2,711,834
RECKER, MICHAEL V. 2,744,709
REED, PETER E. 2,740,235
REESE, SCOTT DAVID 2,757,090
REESE, SCOTT DAVID 2,757,092
REGERE, PAUL 2,594,004
REINHOLD, TOM 2,744,372
REL, INC. 2,919,385
RELIHAN, TIMOTHY 2,764,239
RELYPSA 2,829,943
REMOUE, TYLER 2,773,976
REN, XIAOPING 2,761,156
RENDON, OSCAR 2,742,614
RES USA, LLC 2,852,764
RESCH, BARBARA 2,929,090
RESSLER, KEVIN GLENN 2,876,925
REVA MEDICAL, INC. 2,737,753
REVIVA PHARMACEUTICALS, INC. 2,753,599
REYNHOUT, MARINUS JOHANNES 2,749,798
RIBEIRO DE CARVALHO, ANTONIO CARLOS 2,732,814
RICARD, ANDRE 2,594,004
RICHARDS, PAUL 2,692,066
RICHARDS, WILLIAM 2,692,066
RICOH COMPANY, LTD. 2,814,941
RIEGLER, BARBARA 2,709,781
RIGEL PHARMACEUTICALS, INC. 2,745,901
RIGEL PHARMACEUTICALS, INC. 2,746,810
RITE-HITE HOLDING CORPORATION 2,881,444
ROBERTS, EDWARD 2,723,904
ROBERTSON, DAN 2,887,082
ROBSON, GABRIELLE L.H. 2,685,298
ROCHERON, CELINE 2,912,111
ROCHET, NATHALIE 2,728,937
RODRIGUEZ GOMEZ, JUAN MIGUEL 2,689,360
ROGER, GREGORY PAUL 2,871,662
ROGER, GREGORY PAUL 2,872,042
ROGERS COMMUNICATIONS INC. 2,841,623
ROGERS, SCOTT A. 2,775,053
ROLIN, ERIK 2,726,446
ROLPH, IAN DOUGLAS 2,805,707
ROMANO, CHARLES E., JR. 2,772,385
ROMMER, STEFAN 2,751,197
ROSART, DANIEL 2,755,427
ROSE, JACK W. 2,723,205
ROSE, JACK W. 2,728,893

ROSEN, HUGH 2,723,904
ROSSALL, JEREMY 2,768,253
ROSSI, DOMINIQUE 2,738,088
ROTHSCHILLER, CHAD B. 2,795,343
ROTHWELL, STEPHEN W. 2,721,162
ROULET, VANESSA 2,732,893
ROY, PHILIPPE 2,606,238
RS MICROWAVE COMPANY, INC. 2,684,697
RUBIN, MARK 2,649,663
RUEBSAM, FRANK 2,682,584
RUHE, WILLIAM R., JR. 2,605,906
RUSSELL, KEITH 2,648,079
RYALI, VENKATARAO 2,829,247
SAARIO, RAMI 2,875,939
SAAVEDRA, STEVEN SCOTT 2,532,414
SAGARA, TAKESHI 2,650,119
SAINT-GOBAIN ADFORS CANADA, LTD. 2,836,312
SAITO, NORIKO 2,782,727
SAKAMOTO, TOSHIHIRO 2,650,119
SAKIMOTO, TAKAHIRO 2,892,721
SALES, ALISON L. 2,727,537
SALMAN LUCO, RICHARD 2,735,416
SALOMON, JON E. 2,681,619
SALOUX, JEAN 2,671,258
SALTZER, MARKUS 2,799,770
SAMMOND, DOUGLAS MCCORD 2,714,888
SAMSUNG ELECTRONICS CO., LTD. 2,515,187
SAMSUNG ELECTRONICS CO., LTD. 2,866,660
SAMSUNG ELECTRONICS CO., LTD. 2,874,438
SAMSUNG ELECTRONICS CO., LTD. 2,884,486
SAMSUNG ELECTRONICS CO., LTD. 2,884,540
SAMSUNG ELECTRONICS CO., LTD. 2,903,149
SANDERS, MARK W. 2,901,060
SANGARY, NAGULA THARMA 2,820,475
SANYOHOME CO., LTD. 2,892,302
SASAKO, SHIGETADA 2,782,727
SATO, FUMIO 2,897,141
SATO, KOICHI 2,870,110
SATO, NAGAAKI 2,782,727
SATO, SHIGEO 2,778,102
SATOH, KAYOKO 2,702,654
SAUNDERS, WAYNE S. 2,762,969
SAWAMOTO, KIICHIRO 2,887,118
SCHAEFER, ALEXANDER 2,735,082
SCHEUIR, CLAIRE 2,732,893
SCHINAMAN, CATHY RENEE 2,813,334
SCHLUMBERGER CANADA LIMITED 2,703,417
SCHLUMBERGER CANADA LIMITED 2,736,516
SCHLUMBERGER CANADA LIMITED 2,765,192
SCHMID, ERIC 2,737,753
SCHMIDT, MARKUS 2,815,577
SCHMIDT, PAUL 2,857,036
SCHMIDT, PHILLIP S. 2,847,279
SCHMIDT, PHILLIP S. 2,847,437
SCHMIDT, RALPH 2,749,282
SCHMITT MEASUREMENT SYSTEMS, INC. 2,694,023
SCHMITT MEASUREMENT SYSTEMS, INC. 2,756,066
SCHNECKER, KURT 2,709,781
SCHNEIDER, DIRK 2,757,654
SCHNEIDER, RICHARD J. 2,648,079
SCHUG, MICHAEL 2,858,663
SCHULTZ, GREGORY ALLAN 2,865,637
SCHWAB, EKKEHARD 2,735,082
SCHWAMBORN, JENS 2,700,926
SCHWING BIOSET, INC. 2,698,910
SCOLINI, ANTHONY J. 2,468,736
SCORSONE, JASON T. 2,901,060
SDG, LLC 2,821,140
SEALY TECHNOLOGY LLC 2,758,906
SEBAH, PASCAL 2,671,258
SEBHATU, TEKLEMICHAEL 2,914,563
SENO, KAZUNORI 2,878,385
SENSORMATIC ELECTRONICS, LLC 2,671,807
SEREGIN, VADIM 2,847,849
SERIZAWA, ATSUSHI 2,879,948
SERIZAWA, ATSUSHI 2,879,959
SEXTON, COLIN MAXWELL 2,827,493
SHAH, AVNI 2,755,427
SHAH, MINESH ASHOK 2,829,247
SHAMSAASEF, RAFIE 2,833,529
SHEIKH, NADEEM 2,682,661
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,749,798
SHEN, XIA 2,867,725
SHENNAN, ANDREW 2,602,681
SHEPELAK, HANK 2,738,811
SHERIDAN, PAUL 2,623,232
SHERKIN, ALEXANDER 2,654,740
SHI, YALING 2,743,869
SHIBAHARA, YOUJI 2,707,045
SHIH, JASON 2,723,724
SHIKE, MOSHE 2,867,814
SHINAGAWA, YUKIO 2,677,500
SHINOHARA, MIKIYA 2,894,833
SHIONOGI & CO., LTD. 2,744,019
SHOWALTER, WAYNE 2,692,066
SIEMENS ENERGY, INC. 2,861,321
SIEMENS ENERGY, INC. 2,861,389
SIERRA AVILA, SALETA 2,689,360
SIEWERS, ERNST JAN 2,742,575
SIMMONS, BRUCE 2,766,710
SIMMONS, JOHN J. 2,721,677
SIMPSON, DAVID G. 2,721,162
SINGH, RAJINDER 2,745,901
SINGH, RAJINDER 2,746,810
SINGLETON, DAVID BRIAN 2,821,527
SIRAVO, MARK 2,742,215
SIROVSKAYA, OLGA 2,738,811
SJOBERG, SVEN 2,741,605
SKOCYPEC, BRIAN P. 2,749,193
SLING MEDIA, INC. 2,758,957
SLOTHOUBER, LOUIS P. 2,773,981
SMART ENERGY INSTRUMENTS INC. 2,898,640
SMART TECHNOLOGIES ULC 2,820,108
SMATT, RAUNO 2,741,605
SMEULERS, JOHANNES PETRUS MARIA 2,741,795
SMIDLER, FRANCIS 2,695,743
SMITH, DAVID 2,875,937
SMITH, JEREMY 2,825,965
SMYLIE, THOMAS 2,714,548
SNAP-ON TOOLS OF CANADA, LTD. 2,773,402
SNECMA 2,721,642
SNECMA 2,743,009
SNECMA 2,769,931
SNYDER, RICHARD V. 2,684,697
SOBOLEVSKIY, ANATOLY 2,861,389
SOBRINO ABUJA, ODON JULIAN 2,689,360
SOCIETE POUR LA CONCEPTION DES APPLICATIONS DES TECHNIQUES ELECTRONIQUES-SATELEC 2,594,004
SOERNMO, LEIF 2,652,709
SOFIE, WALT 2,788,252
SOLEM, KRISTIAN 2,652,709
SOLOMON, STEPHEN B. 2,867,814
SONG, GUIQIN 2,690,255
SONG, OSOK 2,890,782
SONG, YI 2,770,701
SONG, YONGHONG 2,723,205
SONG, YONGHONG 2,728,893
SONNE, CARSTEN 2,736,516
SONY CORPORATION 2,915,893
SONY ELECTRONICS INC. 2,915,893
SORIATO, GIORGIO 2,748,595
SORLI, BRICE 2,712,486
SOVEREIGN, SCOTT R. 2,750,331
SPANGLER, CLINTON 2,909,023
SPANN-WADE, MONIQUE 2,662,434
SPANTON, DAVID L. 2,836,312
SPENCER, RICHARD 2,764,836
SPIRO, ALEXANDER R. 2,859,679
SPOOLER, JAKE 2,894,700
SPORN, MICHAEL 2,711,834
SPRINGER, SHMUEL 2,649,663
SPRINGETT, FRANK B. 2,868,811
SPS TECHNOLOGIES, LLC 2,900,081
SREEKISHNA, KOTI TATACHAR 2,813,334
SRIKANTA, SANTHOSHA YELWAL 2,830,101
ST. VINCENT'S HOSPITAL SYDNEY LIMITED 2,561,877
STAATS, CHRISTIAN N. 2,756,066
STAUFFER, ERIC 2,727,537
STEELE, DAVID JOE 2,868,535
STEIG, LEIV INGE 2,726,919
STEINER, JOCHEN 2,735,082
STELLINGWERFF, TRENT 2,717,420
STENFELT, JOHN 2,751,197

STEP ENERGY SERVICES LTD. 2,685,298
STEPAN, CONSTANCE R. 2,804,045
STERN, HADLEY RUPERT 2,874,317
STERN, HADLEY RUPERT 2,886,136
STERN, HADLEY RUPERT 2,886,163
STEVENS, JON 2,689,944
STILLMAN, HAROLD M. 2,735,416
STOKBROEKX, SIGRID CARL MARIA 2,693,044
STOKES, CASEY D. 2,605,906
STORA ENSO OYJ 2,803,474
STRASSER, THOMAS ANDREW 2,694,309
STRINGFELLOW, WESTLEY 2,748,913
STUURMAN, JEROEN 2,700,563
STX FRANCE S.A. 2,717,945
SUBBLOIE, ALBERT R., JR. 2,857,036
SUBRAMANIAN, PANCHAPAKESAN V., 2,861,772
SUDA, SEIICHI 2,723,238
SUDBRINK, MATTHEW R. 2,812,550
SUGGS, THOMAS 2,735,668
SUGGS, THOMAS 2,762,147
SUGITA, SATORU 2,887,424
SUH, JONG YEUL 2,772,927
SUH, JONGYEUL 2,807,186
SULC, PAVEL 2,880,614
SULLIVAN, SCOTT 2,704,516
SUMILA, VLADIMIR 2,743,611
SUN, HONG 2,741,273
SUN, SONGTAO 2,876,336
SUN, SONGTAO 2,876,345
SUNAMI, SATOSHI 2,650,119
SUTTER, CARL B., IV 2,795,343
SUZUKI, KENYA 2,878,385
SUZUKI, YUTAKA 2,894,833
SWAB, JOHN 2,735,668
SWAB, JOHN 2,762,147
SWANSON, CAL T. 2,847,279
SWANSON, CAL T. 2,847,437
SWANSON, DAREN NORMAND 2,710,026
SWEEP, MILES NORMAN 2,871,662
SWEEP, MILES NORMAN 2,872,042
SYMBOL TECHNOLOGIES, LLC 2,859,679
SYMBOL TECHNOLOGIES, LLC 2,861,772
SYMYX SOLUTIONS, INC. 2,786,286
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SZCZEPANIK, MACIEJ 2,745,799
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FLOW CONTROL LLC. 2,958,750
FORD, DANIEL JAMES 2,950,672
FORMA, VINCENT 2,956,009
FORSTER-KNIGHT, ANDREW 2,958,899
FORTIER, JONATHAN 2,959,006
FRADETTE, SYLVIE 2,959,079
FRANKE KAFFEEMASCHINEN AG 2,955,887
FRANKLIN FUELING SYSTEMS, INC. 2,955,494
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,958,932
FREDA, MARTINO M. 2,957,406
FRENDEWEY, DAVID 2,953,559
FRICKE, WILLIAM BRYCE 2,959,033
FRIEND, JOHN 2,959,158
FRIPP, MICHAEL LINLEY 2,958,828
FRITH, ROBIN 2,958,228
FUDAN UNIVERSITY 2,958,927
FUKUMOTO, KENTARO 2,958,811
FULMER, DAVID N. 2,950,760
FURST, WALTER 2,955,700
FURUTA, KAZUHIRO 2,958,738
FURUTA, KAZUHIRO 2,958,740
FURYK, MAREK 2,953,726
FUSON, ROBERT WAYNE 2,949,183
GABRIELSON, KURT DAVID 2,958,822
GAD, PARAG 2,958,924
GAGLIARDI, ANTHONY 2,953,559
GALLOWAY, KEVIN C. 2,958,921
GAMACHE, DAVID 2,949,133
GANLEY, DECLAN 2,955,944
GANO, JOHN 2,958,828
GAO, QINGZHI 2,958,741
GARCIA ANDARCIA, HUGO RAFAEL 2,959,095
GARCIA FABREGAS, RUBEN 2,958,276
GARDNER, JEREMY PAUL 2,955,595
GARIBYAN, LILIT 2,958,768
GARIBYAN, LILIT 2,958,769
GARRA, LANTING L. 2,958,774
GARZA, ARMANDO 2,955,953
GATEWOOD, ERIK E. 2,958,649
GAUCHET, FLORIAN 2,955,659
GAUTHIER, LAURENT 2,952,727
GE LIGHTING SOLUTIONS, LLC 2,959,131
GE OIL & GAS, INC. 2,959,152

GEA MECHANICAL EQUIPMENT GMBH 2,948,964
GELS, DOUGLAS R. 2,958,556
GELS, DOUGLAS R. 2,958,559
GELS, DOUGLAS R. 2,958,562
GELS, DOUGLAS R. 2,958,566
GEMALTO SA 2,957,300
GENERAL ELECTRIC COMPANY 2,955,799
GENERAL ELECTRIC TECHNOLOGY GMBH 2,953,726
GEO-TECH POLYMERS, LLC 2,958,556
GEO-TECH POLYMERS, LLC 2,958,559
GEO-TECH POLYMERS, LLC 2,958,562
GEO-TECH POLYMERS, LLC 2,958,566
GEOX S.P.A. 2,954,801
GERASIMENKO, YURY P. 2,958,924
GERMAN BORGOGNO, FABIO 2,959,126
GETZLAF, DON 2,958,702
GIL, LUDWIG 2,958,739
GILEAD SCIENCES, INC. 2,950,300
GILEAD SCIENCES, INC. 2,950,307
GILEAD SCIENCES, INC. 2,950,309
GIORGINO, RUBEN 2,959,158
GLU MOBILE, INC. 2,958,918
GOETTLER, RICHARD W. 2,956,069
GOMES, JORGE CAMINERO 2,955,941
GONG, HAOJUN 2,958,927
GONZALEZ MUNOZ, VICTOR MANUEL 2,953,020
GOPALAKRISHNAN, SRIRAM 2,959,033
GORGES, JEAN-CHARLES 2,955,412
GOUDSMIT, JAAP 2,952,741
GOUDSMIT, JAAP 2,952,745
GOYAL, GIRIJA 2,958,771
GOYETTE, CLAUDE 2,958,916
GRADINGER, THOMAS 2,958,928
GRANDJEAN, STEPHAN 2,955,675
GRAY, LARRY B. 2,959,086
GREEN, BRENT E. 2,958,907
GREEN, COLIN RICHARD 2,958,879
GREEN, SCOTT A. 2,953,496
GRIGGS, NOLAN 2,950,300
GSCHWIND, MICHEL 2,955,409
GU, SONGYUAN 2,958,914
GUANGDONG XINBAO ELECTRICAL APPLIANCES HOLDINGS CO., LTD. 2,951,586
GUANGZHOU KANGRUI BIOLOGICAL PHARMACEUTICAL TECHNOLOGY CO., LTD. 2,958,868
GUBUAN, AGUSTIN OMICTIN 2,958,825
GUDER, FIRAT 2,958,921
GUERIN, KELLEHER 2,958,885
GUIMOND, LUC 2,958,703
GUINEY, CHRISTOPHER A. 2,958,551
GUNN, MATTHEW 2,958,477
GUO, JIAN GANG 2,951,586
GUO, YANG 2,958,741
GUPTA, D.V. SATYANARAYANA 2,955,926
GUPTA, NEELAM 2,958,808
H.E.F. 2,955,675
HABIG, JORG 2,955,775
HAGER, GREGORY D. 2,958,885
HALE, CHRISTOPHER 2,950,300
HALLIBURTON ENERGY SERVICES, INC. 2,958,705
HALLIBURTON ENERGY SERVICES, INC. 2,958,714
HALLIBURTON ENERGY SERVICES, INC. 2,958,816
HALLIBURTON ENERGY SERVICES, INC. 2,958,819
HALLIBURTON ENERGY SERVICES, INC. 2,958,824
HALLIBURTON ENERGY SERVICES, INC. 2,958,825
HALLIBURTON ENERGY SERVICES, INC. 2,958,827
HALLIBURTON ENERGY SERVICES, INC. 2,958,828
HALLIBURTON ENERGY SERVICES, INC. 2,958,831
HALLIBURTON ENERGY SERVICES, INC. 2,959,012
HALLIBURTON ENERGY SERVICES, INC. 2,959,013
HALLIBURTON ENERGY SERVICES, INC. 2,959,118
HALLIBURTON ENERGY SERVICES, INC. 2,959,125
HALLIBURTON ENERGY SERVICES, INC. 2,959,128
HAMMONDS TECHNICAL SERVICES, INC. 2,958,690
HAMMONDS, CARL L. 2,958,690
HANCOCK, CHRISTOPHER PAUL 2,955,595
HANISCH, MARCO 2,951,753
HANSEN, PETER KAMP 2,950,380
HARMELING, FRANCESCO ANTONIUS LODEWIJK 2,951,997
HARRIS, ASHLEY 2,957,369
HARTNETT, DOUGLAS J. 2,953,771
HARVEY, TIMOTHY 2,958,827
HARVEY, TIMOTHY N. 2,958,714
HASLER, JULIEN 2,953,569
HASSAN, YOMNA 2,957,215
HAUSMANN, JURGEN 2,959,105
HAYLOCK, LUKE 2,954,898
HE, MIKE 2,958,926
HE, ROBERT 2,958,872
HEALTH RESEARCH, INC. 2,958,568
HEATER, KENNETH J. 2,958,556
HEATER, KENNETH J. 2,958,559
HEATER, KENNETH J. 2,958,562
HEATER, KENNETH J. 2,958,566
HECHT, THOMAS R. 2,959,057
HEITHOFF, DOUGLAS 2,958,892
HELGESEN, KARI MARIE OLLI 2,952,536
HELSINN HEALTHCARE SA 2,959,158
HEMMI, AKIKO 2,958,915
HENDOU, MOULOUD 2,958,739
HENDRICKSON USA, L.L.C. 2,958,826
HENSEL, FABIAN 2,953,496
HENSHAW, ROBERT J. 2,955,474
HERMAN, CRAIG 2,958,696
HERMEL-DAVIDOCK, THERESA 2,955,996
HERPT, JOCHEM VAN 2,950,300
HERRERA, PEDRO L. 2,953,075
HESS, JOE E. 2,958,816
HEUER, FRANK 2,955,880
HEYWOOD, SAM PHILIP 2,953,638
HICKS, RYAN 2,958,913
HIGASHIYAMA YUKIHIRO 2,959,148
HIGGINS, JOSEPH P. 2,958,729
HILL, NICHOLAS 2,958,699
HINXLAGE, WILFRIED 2,955,775
HIRATA, TAKUYA 2,958,809
HIRVONEN, PETTERI 2,959,109
HITACHI METALS, LTD. 2,958,811
HOCHREIN, HUBERTUS 2,959,105
HODGES, MARINA 2,958,587
HODOR, MICHAEL 2,958,875
HOFFMAN, MARTIN 2,955,780
HOFSTEDT, ANDERS GORAN 2,958,679
HOGLUND, ANDREAS 2,958,998
HOLLAND, CHAD 2,958,236
HONDA KAORU 2,959,148
HONG, KYUNG JAE 2,958,539
HOOTEN, JOHN 2,959,024
HORSBERG, TOR EINAR 2,952,536
HOU, RUI 2,958,868
HOU, RUI 2,958,874
HOVERSTEN, GARY MICHAEL 2,957,411
HRUSCHKA, STEFFEN 2,948,964
HS WEST INVESTMENTS, LLC 2,959,036
HU, QINGSONG 2,958,759
HU, SHUCHUAN 2,958,917
HU, SHUCHUAN 2,958,920
HUANG, DINGQIU 2,958,673
HUANG, DINGQIU 2,958,674
HUANG, QI 2,958,927
HUANG, QIUYA 2,950,672
HUAWEI TECHNOLOGIES CO., LTD. 2,958,746
HUBERTS, JOHN THOMAS 2,959,075
HUDSON, HAROLD EDWARD, II 2,953,338
HUDSON, JOSEPH 2,955,614
HUMBOLDT B.V. 2,952,561
HUMPHREYS, DAVID PAUL 2,953,638
HUNDEMER, MICHAEL 2,949,324
HUNTER, SAMUEL 2,958,587
HUNTER, TIMOTHY H. 2,959,012
HURD, ALEX 2,958,587
HURLEY, WILLIAM CARL 2,953,338
HUTCHISON MEDIPHARMA LIMITED 2,958,666
HUTCHISON MEDIPHARMA LIMITED 2,958,671
HYDROXY ENERGY INC. 2,958,781
I.R MED LTD 2,958,667
IBRAHIM, RAMY 2,949,327
IDZ CONCEPT 2,954,192
IEX GROUP, INC. 2,958,845

IFP ENERGIES NOUVELLES 2,951,353
IIZUKA TAKAHISA 2,958,712
IKEMOTO, NORIHIRO 2,950,300
ILLUMINA, INC. 2,953,367
IMMATICS BIOTECHNOLOGIES GMBH 2,950,827
IMMUNDIAGNOSTIK AG 2,958,263
IMO INDUSTRIES, INC. 2,955,780
IMO INDUSTRIES, INC. 2,955,824
IMV TECHNOLOGIES 2,955,412
INCUMEDX, INC. 2,955,953
INGRAM, THOMAS 2,959,093
INGRAM, THOMAS 2,959,095
INNATE PHARMA 2,952,727
INNOVATIVE STERILIZATION TECHNOLOGIES, LLC 2,959,002
INOUE, KAZUNORI 2,952,779
INOUE, KAZUNORI 2,952,784
INOUE, KAZUNORI 2,953,080
INSAM, MIRKO 2,955,909
INSIDE VISION 2,958,512
INTEGRATED TEST & MEASUREMENT (ITM), LLC 2,956,156
INTEL CORPORATION 2,957,215
INTELLIHOT GREEN TECHNOLOGIES, INC. 2,958,321
INTERDIGITAL PATENT HOLDINGS, INC. 2,957,235
INTERDIGITAL PATENT HOLDINGS, INC. 2,957,406
INVENTIO AG 2,956,175
IRISH, LINDA STACEY 2,954,418
ISAAC, HANK 2,954,793
ISIS GEOMATICS INC. 2,959,083
ITO AYAKO 2,958,712
IZAWA, HIROKAZU 2,958,738
IZAWA, HIROKAZU 2,958,740
JAASKELAINEN, MIKKO 2,958,705
JACOBER, MARK A. 2,958,649
JACOBSEN, ULF 2,952,375
JAMISON, DALE E. 2,958,714
JANDRISITS, MATTHEW 2,958,785
JANNSON, CHRISTER 2,958,996
JANSSEN VACCINES & PREVENTION B.V. 2,952,741
JANSSEN VACCINES & PREVENTION B.V. 2,952,745
JAVORSKY, EMILIA 2,958,768
JAVORSKY, EMILIA 2,958,769
JEANSON, ISABELLE 2,956,057
JEDRUSZEK, MATEUSZ 2,955,169
JEROME, RON 2,958,650
JESPERSEN, THOMAS SAND 2,953,264
JIA, MING 2,958,746
JOBU PRODUCTIONS 2,958,684
JOHNSON & JOHNSON CONSUMER INC. 2,950,313
JONKERS, HENDRIK MARIUS 2,955,413
JOSEPHS, ROBERT A. 2,958,696
JULIEN, ALAIN 2,958,703
JULIEN, GUILLAUME 2,958,703
JUNG, HWA YOUNG 2,956,069
K-FEE SYSTEM GMBH 2,951,753
KAKSONEN, RISTO 2,959,109
KALEKO, MICHAEL 2,958,755
KALO, ARIE 2,958,806
KAMAL, MANISH 2,954,898
KAMITO, RYO 2,958,803
KANEKO, KATSUMI 2,959,084
KANNICHT, CHRISTOPH 2,949,323
KAPER, FIONA 2,953,367
KARASTI, KRAIG A. 2,958,253
KARC, JEFFREY 2,959,033
KARJALA, TERESA P. 2,955,941
KASS, ANITA 2,958,939
KATHOLIEKE UNIVERSITEIT LEUVEN, K.U.LEUVEN R&D 2,950,672
KATSUYAMA, BRADLEY TOSHIO 2,958,845
KAUR, KIRANPREET 2,952,536
KAUR, SAMIAN 2,957,406
KE, HUIZI 2,959,092
KEATON, KATIE ANN 2,950,300
KEATON, KATIE ANN 2,950,309
KEEFE, ANTHONY D. 2,958,881
KELLER, WOLFGANG 2,955,755
KENNEDY, BRIAN 2,958,248
KENNEDY, DAVID ALLEN 2,959,152
KENNERKNECHT, TERESA 2,958,594
KERANEN, OLLI 2,952,907
KHANDELWAL, MANISH 2,958,808
KILLO, JASON C. 2,959,033
KIM, STANLEY 2,958,874
KIM, YERI 2,958,879
KIMCHI, GUR 2,953,496
KIVERDI, INC. 2,958,996
KIYOOKA, SUMITO 2,959,147
KLAUS, CHRISTINE 2,958,847
KLEIN, RONNIE 2,958,667
KLIMEK, SCOTT GREGORY 2,958,227
KLUESENER, BERNARD WILLIAM 2,955,499
KNAPTON, EMILY 2,954,793
KNAUF INSULATION SPRL 2,954,554
KNODE, GALEN EDGAR 2,959,033
KNORRCHEN, OLIVER 2,954,320
KOBAYASHI, TAKAHIRO 2,952,130
KOCH AGRONOMIC SERVICES, LLC 2,958,822
KOENIG, PAUL 2,958,762
KOHLA, GUIDO 2,949,323
KOHLER, ROBERT E. 2,958,729
KOIVULUOMA, TIMO 2,958,928
KOIZUMI, SATOSHI 2,959,147
KOKUBO ERI 2,958,712
KONIETZKO, THOMAS 2,954,320
KORANNE, MANOJ M. 2,958,870
KORNEEV, VALERI A. 2,957,411
KORTUNOV, PAVEL 2,949,277
KOSTER, NIELS ANTONIO WILLIAM 2,952,561
KOTOBUKI TSUSHOU CO., LTD. 2,959,084
KOWALEWSKI, DANIEL 2,950,827
KRAFFT, STEVEN 2,958,778
KRAFT, MATT 2,950,300
KRAMER, ULRICH 2,949,893
KREMER, LAWRENCE N. 2,950,760
KRIENKE, STEFAN 2,949,324
KROGSTRUP, PETER 2,953,264
KUBE, OLIVER 2,956,115
KUMAI, HISAO 2,958,993
KUMAR, AMIT 2,955,655
KUMAR, SANJEEV 2,959,033
KUNO, JUNKO 2,953,559
KUPPEL, KLAUS 2,954,326
KURARAY CO., LTD. 2,959,147
KUREHA CORPORATION 2,959,148
LACKI, THOMAS S. 2,955,655
LACROIX, MAXIME 2,957,249
LACROIX, THOMAS 2,958,781
LAGACHE, SYLVIE 2,953,041
LAHOUTTE, TONY 2,954,359
LAI, KA-MAN VENUS 2,953,499
LAI, XIUXING 2,959,092
LALIBERTE, STEVE 2,958,703
LALONDE, REJEAN 2,958,703
LAMBE, JEAN-PAUL 2,958,899
LAMOTTE, CHRISTIAN 2,957,249
LANERYD, TOR 2,958,928
LANGER, ROBERT S. 2,956,075
LANGEVIN, REBECCA ANN 2,955,499
LANGFORD, STEPHEN 2,955,792
LAPIERRE, JEAN-MARC 2,958,770
LAROCHE, ANTHONY 2,958,703
LAU, ROBERT 2,958,785
LAU, WILLIAM HOCK OON 2,958,903
LAURE, STEFAN 2,956,007
LAUTERBACH, HENNING 2,959,105
LAZERWITH, SCOTT E. 2,950,300
LE ROUZO, DENIS 2,958,512
LECOMTE, JEREMIE 2,958,932
LEE, HSIN-YU 2,959,030
LEE, TOM LIK-CHUNG 2,959,040
LEE, WOOKBONG 2,958,756
LEEMAN, MICHEL 2,950,300
LEITERMAN AND ASSOCIATES, INC. 2,958,772
LEITERMAN, RYAN 2,958,772
LEMCKE, SOEREN 2,955,824
LENDENMANN, HEINZ 2,958,928
LESSING, JOSHUA AARON 2,958,921
LEVITSKY, SIDNEY 2,952,121
LEWIS, SAMUEL J. 2,958,819
LEWIS, SAMUEL J. 2,959,125
LEXISNEXIS, A DIVISION OF REED ELSEVIER INC. 2,958,561
LG ELECTRONICS INC. 2,958,756
LG FUEL CELL SYSTEMS, INC. 2,956,069
LI, MING 2,953,779
LI, WENJI 2,958,666
LI, YALI 2,958,927
LI, YINGCHENG 2,958,914
LI, YUN 2,958,568
LI, ZHAO 2,959,089
LIEBSCHER, ANDREAS 2,954,898
LILJA, JUHA 2,958,280
LIM, LISA 2,955,996

LINDE AKTIENGESELLSCHAFT 2,954,549
LINDEMAN, CHANTEL ALISON 2,958,267
LIPSHAW, MOSES 2,958,594
LIU, CHUNLEI 2,958,741
LIU, JULIAN 2,940,154
LIU, LEI 2,959,089
LIU, XIAOYAN 2,958,915
LIU, ZHIEN 2,956,069
LIVESCU, SILVIU 2,958,765
LIZASOAIN HERNANDEZ, IGNACIO 2,953,020
LOGINOV, EVGENY 2,951,835
LONG, CHENGZU 2,959,130
LONGIS, ALEXANDRE 2,955,881
LOPES FERREIRA, NICOLAS 2,951,353
LOTTER, MICHAEL PETRUS 2,957,261
LOZANO MARTINEZ, GUSTAVO ADOLFO 2,959,095
LU, DANIEL C. 2,958,924
LU, MING 2,959,158
LUGUERN, PIERRE 2,955,901
LUK, BRYANT GENEPANG 2,958,872
LUM, GARY 2,959,058
LUO, HAO 2,955,344
LUTRON ELECTRONCIS CO., INC. 2,959,033
LUXON, EVAN S. 2,958,908
LYONS, THOMAS 2,959,152
MA, JIANGLEI 2,958,746
MA, MINGLIN 2,956,075
MA, YUXIU 2,958,741
MACDONALD, LYNN 2,953,499
MADORE, ERIC 2,959,079
MAES, JEF ANNIE ALFONS 2,955,487
MAES, JEF ANNIE ALFONS 2,955,488
MAES, JEF, ANNIE ALFONS 2,955,499
MAGNY, JEAN-PIERRE 2,958,703
MAHAN, MICHAEL 2,958,892
MAILLE, EMMANUEL 2,947,478
MALEFYT, TIM 2,954,803
MANDAVA, HANUMANTHA 2,958,587
MANN, TIMOTHY 2,959,033
MANN, WILLIAM 2,959,158
MANSEAU, TOMMY 2,958,703
MARCHAL, CHARLES 2,957,249
MARCHAL, REMY 2,951,353
MARCUS, CHARLES M. 2,953,264
MARFIA, GIOVANNI 2,954,975
MARIC, LUKA 2,958,764
MARINIER, PAUL 2,957,235
MARINIER, PAUL 2,957,406
MARIOTTO, MATHIEU 2,956,046
MARR, LYALE F. 2,953,771
MARREY, RAMESH 2,952,806
MARTI, NICOLAS 2,955,792
MARTIN PALMA, Mª ELENA 2,953,020
MARTIN, CHRISTIAN 2,955,780
MARTINDALE, RICHARD A. 2,959,057
MARTINEZ, JUAN HUMBERTO 2,958,831
MARTINEZ, RAMSES V. 2,958,921
MARULLO, RACHEL 2,958,228
MARUTANI, YUUKI 2,958,738
MARUTANI, YUUKI 2,958,740
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,956,075
MASSUNG, MICHELLE L. 2,959,011
MASTERCARD INTERNATIONAL INCORPORATED 2,958,551
MASTON, ANDREW 2,958,236
MATHYS AG BETTLACH 2,953,172
MATSUMOTO, RIKA 2,958,915
MATTHYS, BRUNO JEAN-PIERRE 2,955,487
MATTHYS, BRUNO JEAN-PIERRE 2,955,488
MATTHYS, BRUNO JEAN-PIERRE 2,955,499
MATTIONI, BRUNO 2,954,801
MAUDUIT, DAMIEN 2,958,512
MAURUS, TOBIAS 2,958,698
MAYOR SANS, FERNANDO 2,958,276
MCANALLY, JOHN R. 2,959,130
MCAULEY, ALASTAIR 2,958,238
MCCLANAHAN, DAVID D. 2,959,124
MCCOPPIN, ANNE B. 2,958,559
MCCOPPIN, ANNE B. 2,958,562
MCCOPPIN, ANNE G. 2,958,566
MCCORMACK, DANIEL ROBERT 2,958,718
MCCORMICK, FRANK 2,958,683
MCCORMICK, FRANK 2,958,685
MCCULLY, JAMES D. 2,952,121
MCDANIEL, CATO R. 2,958,827
MCDANIEL, CATO RUSSELL 2,958,714
MCDOUGALL, MYLES BRIAN 2,958,718
MCDOWELL, JAMES KERWIN 2,954,523
MCGARIAN, BRUCE HERMANN FORSYTH 2,958,824
MCGEEVER, CASEY 2,959,011
MCKINSTRY, DAVID 2,955,780
MCWHIRTER, JOHN 2,953,499
MEDCARA PHARMACEUTICALS, LLC 2,958,696
MEDICAL COMPONENTS, INC. 2,958,477
MEDIMMUNE LIMITED 2,949,327
MEDTENTIA INTERNATIONAL LTD OY 2,952,907
MEDTRONIC CRYOCATH LP 2,958,783
MELSHEIMER, KEVIN HANS 2,959,080
MENARD, FRANCOIS 2,958,754
MENARD, MARTIN 2,958,703
MENARD, MICHAEL 2,958,754
MENENDEZ, MICHAEL 2,954,525
MENGIN, CATHERINE 2,955,901
MENIUS, ALAN 2,957,844
MERCER, SCOTT 2,954,525
MERLIN, SIMONE 2,957,600
MEYER, SARA 2,958,587
MI, GUORUI 2,958,741
MI, YI 2,958,741
MICRODOSE THERAPEUTX, INC. 2,958,849
MILLER, DAVID DOUGLAS 2,959,119
MILLER, DAVID DOUGLAS 2,959,122
MILLER, DAVID DOUGLAS 2,959,140
MILLER, MATTHEW LYNN 2,959,013
MILLER, RICHARD D. 2,958,561
MILLER, TYSON DOUGLAS 2,959,119
MILLER, TYSON DOUGLAS 2,959,122
MILLER, TYSON DOUGLAS 2,959,140
MIR, KALIM U. 2,958,292
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,958,803
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,958,809
MIYAMOTO, KATSUNORI 2,952,779
MIYAMOTO, KATSUNORI 2,952,784
MIYAMOTO, KATSUNORI 2,953,080
MIZOGUCHI, HIROTAKA 2,958,915
MKU PVT. LTD. 2,958,808
MOK, MICHAEL ANDREW 2,958,918
MOMMER, CEDRIC 2,954,554
MOMONT, COREY 2,953,499
MONICO, ROHAN 2,955,595
MONOT, FREDERIC 2,951,353
MONTAGNA, CAITLIN 2,953,499
MONTALVO URBANO, ADRIANA 2,954,629
MONTALVO URBANO, ADRIANA 2,954,776
MONTOYA, MICHAEL 2,955,792
MOOS, DANIEL 2,958,765
MORA, FEDERICO 2,949,183
MORAGA YEBENES, ANA 2,953,020
MORARD, JEAN-LOUIS 2,955,881
MOREL, ARIANE 2,952,727
MORGAN SOLAR INC. 2,954,593
MORGAN, JOHN PAUL 2,954,593
MORGAN, RONNIE GLEN 2,959,125
MORINAGA MILK INDUSTRY, CO., LTD. 2,958,712
MORISSETTE, DANNY 2,958,703
MORO SANCHEZ, MARIA ANGELES 2,953,020
MORRIS, NIGEL 2,954,593
MORS, RENEE MARIA 2,955,413
MORSLEY, DAVID ROBERT 2,958,228
MOSADEGH, BOBAK 2,958,921
MOTIL, KIRILL 2,958,029
MOTOROLA SOLUTIONS, INC. 2,958,774
MOULON, FREDERIC 2,955,637
MUENCH, FRANK 2,959,116
MULAZIMOGLU, HASIM 2,954,898
MULLER & CIE 2,955,881
MULTNER, BENJAMIN 2,955,755
MUNOS, BERNARD 2,959,151
MURATA, KATSUYUKI 2,959,084
MURPHREE, ZACHARY RYAN 2,958,828
MURPHY, ANDREW J. 2,953,499
MURPHY, JAMES EDWARD 2,955,799
MUSCAT, ALAN 2,955,169
MYERS, JACOB AARON 2,958,561
MYLAN INC. 2,958,236
MYRSKOG, STEFAN 2,954,593
MYSHAK, STEPHAN 2,959,083
NABKI, FREDERIC 2,958,754

NAIR, JAY 2,958,587
NAKANISHI SYU 2,959,145
NAKASHOJI, HIROSHI 2,958,803
NAM, KI-WON 2,958,433
NANOMARKER SPRL 2,957,639
NARVESON, CHRISTOPHER M. 2,958,253
NASIBULIN, ALBERT G. 2,951,651
NAULT, ANDRE PHILLIPE 2,958,853
NAVONE, STEFANIA ELENA 2,954,975
NAVOT, AMIR 2,953,496
NCS MULTISTAGE INC. 2,958,702
NEC CORPORATION 2,958,812
NEC PLATFORMS, LTD. 2,952,130
NEILSEN-KULJIAN, INC. 2,959,040
NELBOCK, GUNTER 2,955,700
NELSON, BILL 2,955,494
NESTEC S.A. 2,948,736
NESTEC S.A. 2,949,183
NEURONANO AB 2,958,744
NEUSS, JUDI CHARLOTTE 2,950,672
NEWPARK MATS & INTEGRATED SERVICES LLC 2,954,523
NEXTIVITY, INC. 2,957,261
NGUYEN, HUY D. 2,959,040
NGUYEN, PHILIP D. 2,959,012
NIHON SHOKUHIN KAKO CO., LTD. 2,958,712
NO TEARS LEARNING INC. 2,954,793
NOBLE, SHAWN D. 2,958,826
NONIN MEDICAL, INC. 2,958,227
NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG 2,952,375
NORTHROP GRUMMAN LITEF GMBH 2,954,680
NORTON (WATERFORD) LIMITED 2,958,849
NOTZ, RALF 2,959,093
NOTZ, RALF 2,959,095
NOVOZYMES A/S 2,950,380
NR ELECTRIC CO., LTD 2,959,089
NR ELECTRIC POWER ELECTRONICS CO., LTD. 2,959,089
NR ENGINEERING CO., LTD 2,959,089
NUOVO PIGNONE SRL 2,955,727
NYGARD, JESPER 2,953,264
O'CARROLL, GER 2,952,907
O'LEARY, LISA MARIE 2,955,494
O'TOOLE, CHRISTOPHER DIEBOLD 2,958,872
OCAMPO, MANUELA 2,958,860
OCHI, TAKAO 2,958,812
OCTAPHARMA AG 2,949,323
OCUNEXUS THERAPEUTICS, INC. 2,958,879
ODENHEIMER, DANIEL J. 2,949,109
OGAWA KOICHI 2,958,712
OGLE, JAMES 2,959,118
OHMBERGER, RALF RICHARD 2,954,680
OHNMACHT, TIMO 2,955,880
OISHI, TSUYOSHI 2,958,809
OKINO, SUSUMU 2,958,803
OLSEN, ERIC 2,954,793
OLSEN, JANICE Z. 2,954,793
OLSON, ERIC N. 2,959,130
ORTIZ DE ZARATE, DOMINIQUE 2,953,041
OSBORN, MARTIN J. 2,958,243
OSRAM SYLVANIA INC. 2,953,779
OSSIANIX, INC. 2,953,569
OT MEDIZINTECHNIK GMBH 2,955,344
OWENBY, STEVE 2,958,804
OYMAN, OZGUR 2,957,215
PACAK, CHRISTINA A. 2,952,121
PAHL, ANTHONY ANDREW 2,959,075
PAINTER, JEFFERY L., JR. 2,957,844
PALOMINO ROCA, MIGUEL 2,949,277
PANANDIKER, RAJAN KESHAV 2,955,499
PANI, DIANA 2,957,406
PANKAJAKSHAN NAIR, SANDYA 2,958,587
PAQUIN, RAPHAEL 2,958,703
PARK, GIL-JU 2,958,433
PARK, ROBERT 2,958,845
PARKER, GLEN C. 2,955,396
PARKER-HANNIFIN CORPORATION 2,954,925
PARMAR, JAYWANT P. 2,958,871
PASCUAL, GABRIEL 2,952,741
PASCUAL, GABRIEL 2,952,745
PASTRANA, JENSEN JAMES E. 2,958,551
PATOGEN ANALYSE AS 2,952,536
PAUR, CHARANJIT S. 2,949,277
PAVEY, KARL DAVID 2,959,075
PAVLIK, GREGG 2,959,011
PAWLOWSKI, DANIEL F. 2,959,086
PEARSON, SEAN R. 2,959,033
PELLETIER, BENOIT 2,957,235
PELLETIER, BENOIT 2,957,406
PELTZ, GARY 2,959,117
PEMBERTON, RONRICK 2,958,778
PENG, EN 2,958,903
PENG, ZHIHUI 2,950,300
PERLMUTTER, MARTIN 2,957,369
PERRIN, ALEXA 2,948,736
PERRY, DALE 2,958,863
PERRY, JEFFERSON J. 2,958,874
PETERSON, PAUL 2,958,866
PETERSON, RICHARD CURWOOD 2,958,860
PETROJET CANADA INC. 2,958,718
PFLEGER, CHRISTOPH 2,959,078
PFLEGER, ERNST 2,959,078
PHELPS, NORDSTROM KIRK 2,949,378
PHILIP MORRIS PRODUCTS S.A. 2,954,813
PHILLIPS, ANTHONY 2,958,879
PHILLIPS, DAVID H. 2,958,875
PHILLIPS, DAVID L. 2,958,750
PI-DESIGN AG 2,955,551
PIAU, GERARD PASCAL 2,955,647
PINHEIRO, RODRIGO 2,954,898
PIQUEMAL, DAVID 2,958,850
PIRINGER, HELMUT 2,956,007
PIRON, CAMERON 2,958,570
PISKLAK, THOMAS JASON 2,958,819
PISKLAK, THOMAS JASON 2,958,831
PISKLAK, THOMAS JASON 2,959,125
PITLOR, NELSON 2,958,751
POLEGATO MORETTI, MARIO 2,954,801
POLLOCK, ROY MACFARLANE 2,958,847
POLVINO, WILLIAM 2,959,158
POLYSTYVERT INC. 2,959,082
POOLE, THOMAS S. 2,958,231
POOLE, THOMAS S. 2,958,763
PORTAL, DENIS 2,955,563
PORTER, BRIAN WILLIAM 2,953,496
POSPICHAL, TOM 2,959,120
POURRAT, FRANCOIS 2,955,881
PRACHUMSRI, WUDHIIDHAM 2,954,898
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,958,292
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,958,921
PRILUTSKY, ANNA 2,950,313
PRINOTH S.P.A. 2,955,909
PROFESSIONAL COMPOUNDING CENTERS OF AMERICA (PCCA) 2,958,864
PROST, FABRICE 2,955,675
PROVASI, JOELLE 2,956,009
PRUDENT, ALAIN 2,955,659
PYRCZ, MICHAEL JAMES 2,957,367
PYRCZ, MICHAEL JAMES 2,957,369
QIN, PENG 2,958,915
QUAERO LTD. 2,955,169
QUALCOMM INCORPORATED 2,954,418
QUALCOMM INCORPORATED 2,957,600
QUARK PHARMACEUTICALS, INC. 2,949,109
QVIT-RAZ, NOGA 2,950,950
R.N.P. INDUSTRIES INC. 2,958,703
RADOSEVIC, KATARINA 2,952,741
RADOSEVIC, KATARINA 2,952,745
RAIMONDI, MARIA ALEJANDRA 2,958,847
RAINEY, R. LEE 2,959,011
RALENTIZADORES Y TRANSFORMACIONES, S.A. 2,958,743
RAMMENSEE, HANS-GEORG 2,950,827
RANERI, DANIEL CURTIS 2,959,033
RAO, SUDHA 2,958,704
RASMUSSEN, FRANK WINTHER 2,950,380
RAUBO, ROMAN 2,953,726
RAUCH, PETE 2,955,396
RAULT, SEVERAN SYLVAIN JEAN-MICHEL 2,953,496
RAUSCH, GREGORY J. 2,958,227
RAVENSBERGEN, JOHN 2,958,702
RAVIKOVITCH, PETER I. 2,949,277
RAYTHEON COMPANY 2,953,771
RAYTHEON COMPANY 2,957,523
REBELATTO, MARLON C. 2,949,327
REED, JOHN S. 2,958,996

REGANDSY & HATES SARL 2,955,563
REGENERON PHARMACEUTICALS, INC. 2,953,499
REGENERON PHARMACEUTICALS, INC. 2,953,559
REHAN, MOHAMED 2,957,215
REHMAN, ABDUL 2,958,720
REID, JOHN 2,959,106
RENFREW, JOHN 2,958,785
REPLICON HEALTH OY 2,959,109
REUBERSON, JAMES THOMAS 2,950,672
REY GARCIA, FERNANDO 2,949,277
REYNAUD, OLIVIER 2,951,651
RIBONI, LAURA 2,954,975
RICHARD, FREDERIC 2,955,409
RICHARDSON, THOMAS 2,958,594
RIEDEL, SEBASTIAN 2,958,885
RIGGLE, GARY GRANT 2,958,751
RING, AARON MICHAEL 2,958,884
RITTAL GMBH & CO. KG 2,953,719
RIVADA NETWORKS, LLC 2,955,944
RIVAS, CHRISTOPHE 2,958,739
RIZZA, GREGORY 2,954,898
ROASTING PLANT, INC. 2,958,875
ROBBINS, PAUL B. 2,949,327
ROHN, NICOLE 2,955,755
ROJAS, JOSE F. 2,953,499
ROQUETTE FRERES 2,953,037
ROQUETTE FRERES 2,953,041
ROSEMOUNT INC. 2,953,800
ROSEMOUNT INC. 2,957,246
ROSSI, BENJAMIN 2,952,727
ROTHENSTEIN, DANIEL 2,949,109
ROY, ROLAND R. 2,958,924
RUDOLF, MARIAN 2,957,235
RUDOLF, MARIAN 2,957,406
RUIZ BALLESTEROS, JULIO CESAR 2,958,276
RUMPF, REGIS R. 2,950,760
RUNGGALDIER, MARTIN 2,955,909
RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG 2,949,324
RUSIN, CHRISTOPHER T. 2,958,243
RUTKOWSKI, JULIA LYNN 2,953,569
RYDBERG, NICHOLAS W. 2,958,253
RYU, KISEON 2,958,756
SABRAOUI, ABBAS 2,955,409
SAES, MARC 2,953,312
SAFRAN AIRCRAFT ENGINES 2,955,736
SAFRAN ELECTRONICS & DEFENSE 2,955,792
SAFRAN HELICOPTER ENGINES 2,955,637
SAFRAN HELICOPTER ENGINES 2,955,792
SAFRAOUI, GEORGES 2,955,550
SAGNE, CAMILLE 2,958,739
SAILHAN, JEAN-FRANCOIS 2,955,563
SAITO SEIJI 2,959,143
SAKURAI, HIDEAKI 2,958,803
SALFORD BBI INC. 2,958,804
SAMET PRIVACY, LLC 2,958,687
SAMET, SHAI 2,958,687
SAMSON, RAFAEL 2,955,792
SAMULSKI, EDWARD T. 2,949,378
SAN FRANCISCO STATE UNIVERSITY 2,956,009
SANCHEZ GARCIA, SERGIO 2,954,629
SANCHEZ GARCIA, SERGIO 2,954,776
SANDERS, MARK 2,955,403
SANDERS, SETH 2,958,926
SANFORD, KEVIN 2,958,477
SAVAGE, BENJAMIN V. 2,959,024
SAVIOZ, GREGORY 2,948,736
SCALVINI, GIUSEPPE 2,954,975
SCHAAL, BENOIST 2,956,009
SCHAWBEL TECHNOLOGIES LLC 2,959,132
SCHIMITZEK, PETER 2,952,580
SCHMID, MATHIEU 2,951,835
SCHMITT, ERIC 2,955,412
SCHNAARE, THEODORE HENRY 2,957,246
SCHNABEL, MICHAEL 2,958,932
SCHNORR, PETER 2,958,884
SCHOENHERR, CHRIS 2,953,499
SCHOUENBORG, JENS 2,958,744
SCHREIBER, ULRICH 2,955,344
SCHRIER, KATE 2,950,300
SCHUBERT, BENJAMIN 2,958,932
SCHWARTZ, BRIAN 2,958,770
SCHWARTZ, JUSTIN MICHAEL 2,958,293
SCHWEIKERT, TIMOTHY M. 2,958,477
SCHWEIZER, MARTIN 2,958,907
SCOTT, RICHARD L. 2,953,771
SCURTE, JUSTIN 2,949,133
SEBBAN, SANDRINE 2,956,057
SEDDON, DAVID ALAN 2,958,860
SEEHERMAN, HOWARD 2,953,172
SEGALL, KEVIN I. 2,958,907
SEITTER, JENNIFER LAUREN 2,959,119
SEITTER, JENNIFER LAUREN 2,959,122
SEITTER, JENNIFER LAUREN 2,959,140
SEKHAVAT, HOUFAR 2,958,794
SEKIYA KAZUKI 2,958,712
SELLERS, ROGER 2,955,396
SELLIER, ALEXANDRE 2,955,647
SENBA, NORIAKI 2,958,803
SENESKY, MATTHEW 2,958,926
SENTINEL LABS ISRAEL LTD. 2,958,029
SERGHINE, CAMEL 2,955,637
SHA, OU 2,958,914
SHALABI, AIMAN 2,949,327
SHALE OIL TOOLS, LLC 2,958,248
SHAMIR, UDI 2,958,029
SHANGHAI DAMAO-SHINE TECHNICAL CO., LTD 2,959,092
SHANGHAI RESEARCH INSTITUTE OF PETROCHEMICAL TECHNOLOGY, SINOPEC 2,958,914
SHANGHAI XINTANG INDUSTRIAL CO., LTD. 2,958,799
SHANGHAI XINTANG INDUSTRIAL CO., LTD. 2,958,818
SHARON, NIR 2,949,109
SHARP KABUSHIKI KAISHA 2,958,993
SHAW, SANDRA ANNE 2,958,594
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,954,195
SHELTON, JOHN M. 2,959,130
SHEN, DONGMIN 2,958,741
SHEN, RUI 2,958,714
SHEN, ZHIQIN 2,958,914
SHENG, DING XUN 2,951,586
SHERRILL, TED 2,958,587
SHI, YING 2,958,741
SHIMER, KURT 2,958,477
SHINSHU UNIVERSITY 2,959,084
SHIRVANYANTS, DAVID 2,949,378
SHIZURU, JUDITH A. 2,958,884
SHKUNOV, VLADIMIR V. 2,957,523
SHUMWAY, WILLIAM W. 2,958,827
SICPA HOLDING SA 2,951,835
SIDDIQUI, AKM SHAHAB 2,958,228
SIEDER, GEORG 2,959,093
SIEDER, GEORG 2,959,095
SIGGINS, KEITH D. 2,958,243
SILONY MEDICAL INTERNATIONAL AG 2,955,880
SIMARD, MAXIME 2,958,703
SIMO, FIDJI NAHEMA 2,958,829
SINCLAIR, MICHAEL 2,954,593
SIZER, CHARLES 2,958,650
SIZER, CHARLIE 2,958,650
SKLAREW, RALPH 2,954,793
SLETSON, LISA 2,959,116
SLOAN, GREG EDWARD 2,959,033
SLUTERBECK, MICHAEL 2,958,561
SMALL, BENJAMIN AARON 2,958,845
SMEETS, FLORIAN 2,949,893
SMITH, CLINT 2,955,944
SMITH, ERICK 2,958,703
SMITH, GREGORY H. 2,958,253
SMITH, SAMUEL 2,955,944
SNF SAS 2,958,739
SOFT MEDICAL AESTHETICS 2,956,057
SOKOLOFF, CONSTANTINE 2,958,845
SOLECKA, BARBARA 2,949,323
SOLIS, SAUL 2,958,587
SONOKI HIROFUMI 2,958,712
SORRENTO THERAPEUTICS, INC. 2,958,673
SORRENTO THERAPEUTICS, INC. 2,958,674
SOTRO FINANCIAL, INC. 2,959,126
SOUTH EAST WATER CORPORATION 2,958,899
SPARKS, BRADLEY JAMES 2,959,118
SQUIERS, ELIZABETH C. 2,949,109
SRBLJIN, MARIJA 2,949,183
STAINTHORPE, BRIAN KENNETH 2,958,718
STANCIU, CORNELIU 2,959,012
STANCIU, CORNELIU 2,959,118
STANKE, STEPHAN 2,954,320

STEALTHCASE OY 2,958,280
STEELE, KEITH 2,949,327
STEIGERWALD, ROBIN 2,959,105
STEINWANDEL, JUERGEN 2,956,007
STELIA AEROSPACE 2,955,659
STERILIS, LLC 2,958,853
STEVANOVIC, STEFAN 2,950,827
STEVENS, CRAIG JASON 2,959,075
STEWART, ROSS A. 2,949,327
STICKEL, JULIANE 2,950,827
STREBELLE, SEBASTIEN 2,957,367
STRICKLEN, RICHARD 2,958,869
SU, WEI-GUO 2,958,671
SUGIYAMA, SHIGEHIRO 2,958,803
SULEJMANI HOLDINGS, LLC 2,958,257
SULEJMANI, MEMET 2,958,257
SULLIVAN, MORGAN 2,957,369
SULZER MANAGEMENT AG 2,958,778
SUN, ERIC 2,958,926
SUN, TAO 2,957,367
SUN, TAO 2,957,369
SUN, YING 2,950,313
SUNLEY, JOHN GLENN 2,950,363
SUNTYCH, JON DAREN 2,959,136
SUPERIOR INDUSTRIES INTERNATIONAL, INC. 2,958,869
SUTTON, ALLEN 2,958,822
SUZUKI, HIDEO 2,958,803
SWANSON, BARBARA A. 2,958,673
SWANSON, BARBARA A. 2,958,674
SYLVAN SOURCE, INC. 2,959,058
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,958,570
SYNTHETIC BIOLOGICS, INC. 2,958,755
T.M. FITZGERALD & ASSOCIATES 2,959,124
TACKETT, DENNIS 2,958,556
TAJIMA, AKIO 2,958,812
TAKADA MASAYASU 2,958,712
TAKAGI HIROKI 2,958,712
TAKAGI, TOSHIO 2,959,084
TAKAHASHI, MAKI 2,958,993
TAKAHASHI, YUKI 2,958,738
TAN, YING HOOI 2,958,774
TANAKA, HIROSHI 2,958,809
TANDON, PUSHKAR 2,958,860
TANG, CHA-MEI 2,959,072
TANG, YU 2,958,872
TAYI, ALOK SURYAVAMSEE 2,958,921
TAYLOR, RUSSELL ALAN 2,950,363
TECHNISCHE UNIVERSITEIT DELFT 2,955,413
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 2,958,998
TEN CATE THIOLON B.V. 2,951,997
TERHUNE, JOANNA 2,958,236
TEULIER, CAROLINE 2,956,009
TEVA PHARMACEUTICALS EUROPE B.V. 2,958,849
THE ALLOY ENGINEERING COMPANY 2,958,691
THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM 2,959,130
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 2,958,884
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 2,959,117
THE CHILDREN'S MEDICAL CENTER CORPORATION 2,956,075
THE COMMONWEALTH OF AUSTRALIA 2,959,075
THE GENERAL HOSPITAL CORPORATION 2,958,768
THE GENERAL HOSPITAL CORPORATION 2,958,769
THE JOHNS HOPKINS UNIVERSITY 2,958,885
THE MOSAIC COMPANY 2,959,120
THE PROCTER & GAMBLE COMPANY 2,955,487
THE PROCTER & GAMBLE COMPANY 2,955,488
THE PROCTER & GAMBLE COMPANY 2,955,489
THE PROCTER & GAMBLE COMPANY 2,955,490
THE PROCTER & GAMBLE COMPANY 2,955,499
THE PROCTER & GAMBLE COMPANY 2,958,915
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,958,683
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,958,685
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,958,868
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,958,892
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,958,924
THIEL, ALEXANDER 2,948,964
THIERS, EUGENE 2,959,058
THIRIET, ROMAIN 2,955,637
THOREL, FABRIZIO 2,953,075
THORNTON, W. KEITH 2,958,238
TIGGELOVEN, LEONARDUS JOZEPHUS ANTONIUS 2,952,561
TOFFOLETTO, MARTA 2,954,801
TOLLEY, DAN B. 2,958,646
TOLLEY, JOSEPH D 2,958,646
TONG, WEN 2,958,746
TOPGENIX, INC. 2,950,950
TOSHIBA GLOBAL COMMERCE SOLUTIONS HOLDINGS CORPORATION 2,955,901
TOSHIBA LIFESTYLE PRODUCTS & SERVICES CORPORATION 2,958,738
TOSHIBA LIFESTYLE PRODUCTS & SERVICES CORPORATION 2,958,740
TOSHIBA LIFESTYLE PRODUCTS & SERVICES CORPORATION 2,959,143
TOSHIBA LIFESTYLE PRODUCTS & SERVICES CORPORATION 2,959,145
TOTA, DESISLAVA 2,954,549
TOTAL RAFFINAGE CHIMIE 2,957,249
TRAINA, ZACHARY 2,958,853
TRAN, VICTORIA 2,958,228
TRANSPARENCY LIFE SCIENCE, LLC 2,959,151
TRAUTWEIN, FRANK THILO 2,955,880
TRELFORD, LESTER PAUL 2,955,614
TREMBLAY, GUY 2,958,703
TRESSOL, LUDOVIC 2,957,300
TRINIDAD, JONATHAN 2,950,300
TRIPLE HAIR INC. 2,958,794
TRUDEAU, MATTHEW NORBERT 2,958,845
TRUDEL, CLAUDE 2,958,703
TRYGSTAD, TROY 2,957,844
TSUJIUCHI, TATSUYA 2,958,809
TU, CHAO-CHENG 2,957,235
TURI, MARIANO 2,955,887
TWADDELL, DANIEL L. 2,959,033
UCB BIOPHARMA SPRL 2,950,672
UCB BIOPHARMA SPRL 2,953,638
UKAI, NOBUYUKI 2,958,803
ULIS 2,953,051
ULLMANN, DETLEF 2,948,964
UNICHARM CORPORATION 2,952,779
UNICHARM CORPORATION 2,952,781
UNICHARM CORPORATION 2,952,784
UNICHARM CORPORATION 2,953,080
UNIFRAX I LLC 2,955,655
UNIVERSAL CITY STUDIOS LLC 2,958,293
UNIVERSITE DE GENEVE 2,953,075
UNIVERSITE DU QUEBEC A MONTREAL 2,958,754
UNIVERSITE PARIS DESCARTES 2,956,009
UNIVERSITY OF CANBERRA 2,958,704
UNIVERSITY OF COPENHAGEN 2,953,264
UNIVERSITY OF MALTA 2,955,169
UNIVERSITY OF SOUTH CAROLINA 2,956,069
USUI, MUNEHIRO 2,952,781
VALENCIA VALENCIA, SUSANA 2,949,277
VALENZUELA, DAVID M. 2,953,499
VALENZUELA, DAVID M. 2,953,559
VALLES, GREGORY 2,957,300
VAN DE GRIENDT, IGOR HENRICUS 2,959,075
VAN DE VEGTE, JOHN 2,958,785
VAN DER GAAG, FREDERIK JAN 2,951,997

VAN ELSEN, KATRIEN ANDREA LIEVEN 2,955,489
VAN ELSEN, KATRIEN ANDREA LIEVEN 2,955,490
VAN GARDEREN, NOEMIE 2,953,172
VAN METER, MATTHEW J. 2,958,826
VAN ROOYEN, ARTHUR ALEXANDER 2,954,195
VANDERHOYDONCK, BART 2,950,672
VANDERPLOEG, ERIC 2,953,172
VASSELLI, JAMES R. 2,949,327
VAUPRES, MAXIME 2,956,057
VAYSMAN, ARTHUR 2,958,878
VEGAS, ARTURO J. 2,956,075
VEISEH, OMID 2,956,075
VENABLE, CHRIS 2,958,587
VENDRELL, GLORIA 2,957,249
VEOLIA WATER TECHNOLOGIES, INC. 2,949,133
VEPSALAINEN, MIKKO 2,959,076
VETTERLI, HEINZ 2,955,887
VEZINA, SEBASTIEN 2,959,006
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